

S
331.12
Llmi@d
1986
Detail Report

0-26N
159

PLEASE RETURN

MONTANA

INDUSTRY AND OCCUPATIONAL EMPLOYMENT OUTLOOK

1984 - 1990

DETAIL REPORT

STATE DOCUMENTS COLLECTION

DEC 23 1986

MONTANA STATE LIBRARY
1515 E. 6th AVE.
HELENA, MONTANA 59620



RESEARCH AND ANALYSIS BUREAU
DEPARTMENT OF LABOR AND INDUSTRY
P.O. BOX 1728
HELENA, MONTANA 59624

LOCAL JOB SERVICE OFFICE LISTING

<u>ANACONDA</u> 307 E. Park Anaconda, MT 59711 (563-3444)	<u>DILLON</u> 310 E. Sebree P.O. Box 1300 Dillon, MT 59725 (683-5501)	<u>HELENA PROGRAM OFFICE</u> 529 N. Warren Helena, MT 59601 (442-2531)	<u>POLSON</u> 417 Main Street P.O. Box 970 Polson, MT 69860 (883-5261)
<u>BILLINGS EAST</u> 624 N. 24th St. Billings, MT 59101 (248-7371)	<u>GLASGOW</u> 238 2nd Ave. S. Glasgow, MT 59230 (228-9369)	<u>KALISPELL</u> 427 1st. Ave. E. Kalispell, MT 59901 (257-5627)	<u>SHELBY</u> 402 1st Street S. Shelby, MT 59474 (434-5161)
<u>BILLINGS WEST</u> 1425 Broadwater Ave. Suite 3 Billings, MT 59102 (259-5529)	<u>GLENDDIVE</u> 211 S. Kendrick Glendive, MT 59330 (365-3314)	<u>LEWISTOWN</u> 324 W. Broadway Lewistown, MT 59457 (538-8701)	<u>SIDNEY</u> 120 S. Central Sidney, MT 59270 (482-1204)
<u>BOZEMAN</u> 121 N. Willson Bozeman, MT 59715 (586-5455)	<u>GREAT FALLS</u> 1018 7th St. S. Great Falls, MT 59405 (761-1730)	<u>LIBBY</u> 314 S. California Libby, MT 59923 (293-2682)	<u>THOMPSON FALLS</u> 608 Main Street P.O. Box 669 Thompson Falls, MT 59873 (827-3472)
<u>BUTTE</u> 206 W. Granite P.O. Box 309 Butte, MT 59703 (782-0417)	<u>HAMILTON</u> 333 Main Street P.O. Box 73 Hamilton, MT 59840 (363-1822)	<u>LIVINGSTON</u> 228 S. Main P.O. Box 1199 Livingston, MT 59047 (222-0520)	<u>WOLF POINT</u> 200 Highway 2 East Wolf Point, MT 59201 (653-1720)
<u>BUTTE PROGRAM OFFICE</u> Idaho & Mercury Sts. Butte, MT 59701 (792-9115)	<u>HAVRE</u> 416 1st. St. Havre, MT 59501 (265-5847)	<u>MILES CITY</u> 12 N. 10th P.O. Box 1786 Miles City, MT 59301 (232-1316)	
<u>CUT BANK</u> 513 E. Main Cut Bank, MT 59427 (873-2191)	<u>HELENA</u> 715 Front Street Helena, MT 59601 (449-3044)	<u>MISSOULA</u> 539 S. 3rd St. W. P.O. Box 5027 Missoula, MT 59806 (728-7060)	



MONTANA
INDUSTRY AND OCCUPATIONAL
EMPLOYMENT OUTLOOK
1984-1990

STATE OF MONTANA
TED SCHWINDEN, GOVERNOR

DEPARTMENT OF LABOR AND INDUSTRY
GENE HUNTINGTON, COMMISSIONER

June, 1986

For more information contact:
Bob Rafferty, Chief
Research and Analysis Bureau
Dept. of Labor and Industry
P.O. Box 1728
Helena, MT 59624
Phone: (406)444-2430

ml,
86-171
200

TABLE OF CONTENTS

Introduction	1
Industry Outlook	7
Two Digit Standard Industrial Classification (SIC) Industry Employment 1984 and 1990	13
Occupational Outlook	15
Distribution of Employment By Major Occupational Groups and Annual Average Openings	16
United States and Montana Occupational Structure 1984	16
Occupations with Most Job Openings	17
Fastest Growing Occupations	18
Fastest Declining occupations	19
Major Industry Employment by Major Occupational Group 1984-1990	20
Detailed Industry Employment, Change in Employment and Percent Change 1984-1990	23
Detailed Occupation Employment by Major Industry Groups 1984-1990 Growth and Average Growth	
Mining & Construction	30
Manufacturing	34
Transportation, Communications, Utilities	39
Wholesale & Retail Trade	43
Finance, Insurance Real Estate	46
Services	49
Government	55
Detailed Occupation Employment, Change in Employment, and Percent Change	61
OES Matrix Code Sequence	
Detailed Occupation by Major Occupational Group - Openings Due to Growth, Openings Due to Separation and Total Openings.	
Managerial	78
Professional and Technical	79
Sales	82
Clerical and Administration Support	83
Service	85
Agriculture, Forestry and Fishing	86
Production, Operating and Maintenance	87
Alphabetical Index of Occupations	92
National Occupational Outlook	98

DEPARTMENT OF LABOR AND INDUSTRY
CENTRALIZED SERVICES DIVISION



TED SCHWINDEN, GOVERNOR

(406) 444-2430
STATE CAPITOL

STATE OF MONTANA

HELENA, MONTANA 59624

P.O. Box 1728

Dear Reader:

The Montana Department of Labor and Industry, as part of its continuing effort to provide Montanans with current labor market information, has recently updated and published its industry and occupational projections.

This report outlines 1990 projected industry and occupational growth and decline in the state of Montana. The information should be helpful to educators, politicians, career counselors, vocational planners, business, labor community leaders, and all parties interested in the future occupational needs of Montana. Basically, this report is designed to be used primarily as an aid to various planning and training programs.

Any comments or suggestions for improvement are always welcome.

Sincerely,

A handwritten signature in cursive script that reads "Bob Rafferty".

Bob Rafferty, Chief
Research & Analysis Bureau

INTRODUCTION

Montana's 1990 Industry/Occupation Projections are produced to provide a long term outlook of occupational demand and industry development. The industry composition follows the Standard Industrial Classification Manual (SIC) coding structure. The occupations are extracted from a survey of nonfarm wage and salary employment called the Occupational Employment Statistics (OES) Program.

This is the third 1990 publication produced. The base year has changed from 1980 to 1982 and now 1984. Montana's 1990 projected employment level has shifted downward dramatically since the first publication. The past recession was one of the worst recessions experienced in Montana in many decades and the recovery has been weak in many respects. Montana's job prosperity for the rest of the 80's can be seen as on the lower end in comparison with the national employment outlook as described by the Bureau of Labor Statistics. The information presented here supercedes previous published projections.

The occupational information shown on the following pages is for wage and salary employment only. Wage and salary employment, sometimes known as establishment-based employment, does not include all jobs in the labor market. Owners and partners of unincorporated businesses, self employed, persons working in small agricultural enterprises, unpaid family members, some persons on commission, some elected officials, some employed students and some domestic employees are not included.

The estimates presented in this publication have certain limitations which should be fully understood prior to their use in any type of occupational analysis.

These projections indicate what is likely to happen barring major changes from past trends. The following major economic assumptions were used by the Bureau of Labor Statistics in developing the projection methodology:

1. The institutional framework of our economy will not change radically.
2. There will be no major events such as a widespread, long-lasting energy shortage or a war which would significantly alter the industrial structure of our economy or rate of economic growth.
3. Current technological, scientific, and social trends, such as values placed on work, education, income, and leisure will continue.

The industry projections from which the occupational employment projections were developed were based on historical employment trends which were assumed to continue into the future. Short-term economic fluctuations could not be taken into consideration when these projections were made. Therefore, the industrial and occupational projections may be too high or too low depending on the economic conditions. This is especially true of industries (such as building crafts and factory operatives) which are sensitive to economic cycles.

To assist individual states in the rather complex procedure of developing

industry and occupational projections to 1990, the Bureau of Labor Statistics set up two regional projections processing centers in Utah and Maine. Montana subsequently contracted with the Utah center to convert industrial employment to occupational categories and project separations and growth in each occupation. Analysts in Montana assembled and provided all the necessary input data; and finally, reviewed and made minor modifications to the final data to ensure that it accurately represented current and future trends in the Montana labor market.

Three general steps were used in producing employment projections:

1. Development of Industry Projections
2. Development of a Base Year Industry/Occupation (I/O) Matrix
3. Development of Occupational Projections.

DEVELOPMENT OF INDUSTRY PROJECTIONS BY MONTANA ANALYST

The future employment in individual industries is a primary determinant of projected occupational requirements because each industry has a unique occupational structure. To begin the process of developing industrial projections, a time series of historical estimates of wage and salary jobs in nonagricultural industries was constructed. This series was assembled at the three-digit Standard Industrial Classification (SIC) level based on data collected from business establishments through the Current Employment Statistics (CES) and the ES-202 programs. The derivation of industry projections is highly influenced by Montana's historical development and national trends and studies. Demographic changes were considered into the future job development. Much of the

industrial employment levels were established by utilizing linear regression and/or shift and share analysis. Another step was added in this 1990 employment forecast-observations on the Montana's economic outlook by economists and personnel specialists in government and the private sector were strongly considered. Once the initial projections were completed, both the 1984 base year and projected 1990 industry employment levels were reviewed and adjusted as necessary to reflect events that had recently occurred or were anticipated.

DEVELOPMENT OF THE BASE YEAR I/O MATRIX BY MONTANA ANALYST

The industry-occupation (I/O) matrix is a table arraying the occupational staffing patterns for each industry: i.e., the ratio of employment in each occupation in an industry to the total employment in the industry. The OES survey-based I/O matrix covers approximately 760 detailed occupations cross-classified by nearly 400 three-digit industries. Montana utilized nearly 300 three-digit industries and 320 detailed occupations in its matrix.

The major component in construction of the I/O matrix is the data collected through the Occupational Employment Statistics (OES) survey. The OES survey is a periodic mail survey of a sample of establishments in the nonfarm wage and salary sector of the economy. Designed to provide current estimates of occupational employment for each industry. The OES surveys are conducted on a three year cycle - approximately one-third of the industries are surveyed each year.

DEVELOPMENT OF OCCUPATIONAL PROJECTIONS BY UTAH CENTER

Once the total employment I/O matrix was complete, the industry projections and I/O matrix were merged. The industry employment projections for each three-digit industry were applied to the appropriate I/O matrix ratio to derive occupational projections by industry.

At this point, an enhancement was made to the occupational projections to try to reflect high and low growth occupations and industries expected to undergo technological or organizational changes which would alter their occupational composition over the decade. Special "occupational change factors," supplied by industry specialists at the Bureau of Labor Statistics, were applied to the occupational projections at the I/O cell level. Resulting occupational projections were then summed across all industries to yield employment projections for all the occupations in the matrices. Thus, the projected employment of an occupation is determined by changes in the proportion of workers in the occupation in each industry and the growth rate of the industries in which an occupation is concentrated.

In addition to a projection of employment, an estimate is made of the total number of job openings expected to occur in each occupation. Average annual job openings due to growth are calculated by simply dividing the difference between the projected year and base year employment by eight. Average annual openings due to separations are produced when occupational employment estimates are multiplied by state specific separation rates supplied by the Bureau of Labor Statistics. Due to the structure of the OES surveys, all public and private educational facilities and hospitals

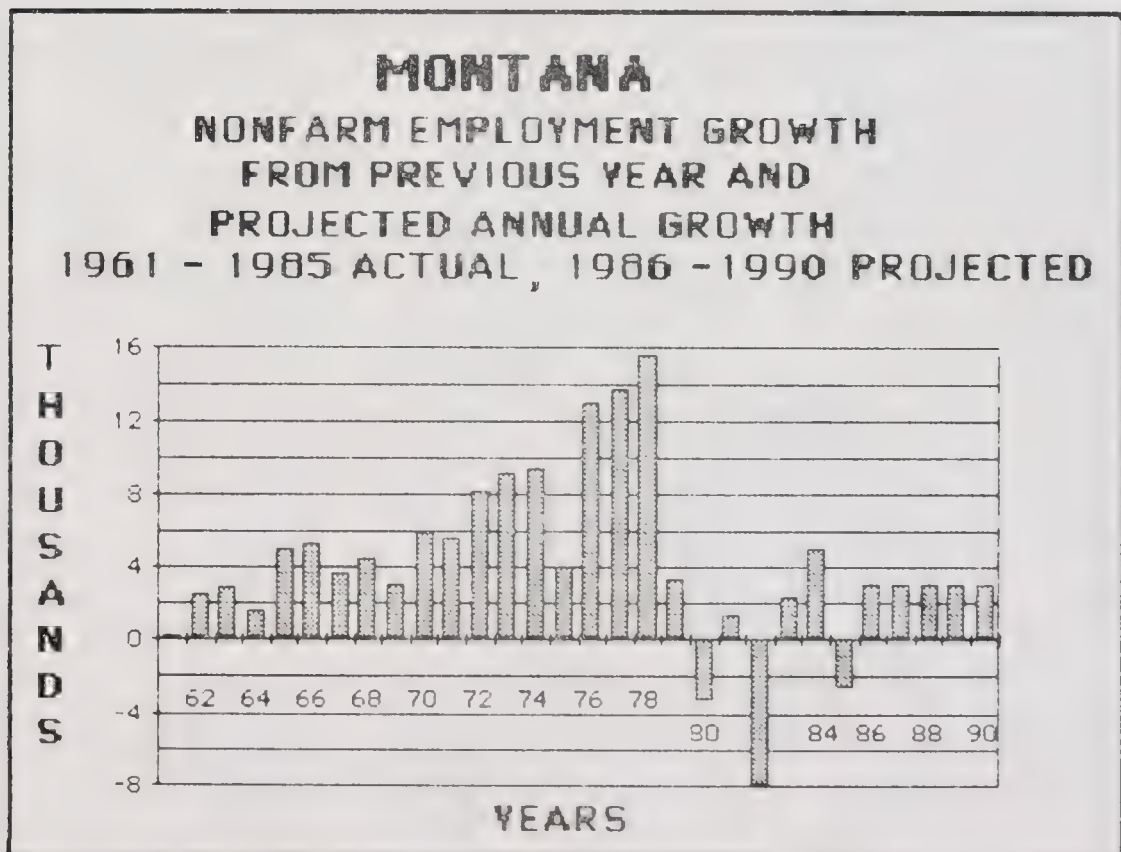
are included in the services industry, and federal post offices has been included in transportation, communication and public utilities industry (TCU). As a result, the industry employment totals for the TCU, services and government industries will not match other published employment estimates for these three industries.

Finally, we wish to emphasize that while these projections are expressed as specific number, limitations of the data and the risk inherent in economic forecasting preclude any claims of precision.

This projection information can help us look into the future with some confidence. It is necessary to individuals and jobs to decrease unemployment and increase job satisfaction. This would also benefit the business community and taxpayers. Through the use of the information provided, better decisions can be made for the future by having a more realistic knowledge of Montana's employment trends.

INDUSTRIAL OVERVIEW

Between 1984 and 1990, Montana is expected to gain 18,000 new jobs. This amounts to a 1.1 percent growth in the number of jobs each year of the six year period. This is a substantially slower rate than experienced in the sixties and seventies, but better than the first half of the eighties. A 1.1 percent annual average growth rate translates into 3,000 new jobs each year.



Industrial employment can be divided into two sectors: The goods producing and the service producing sectors. The goods producing sector is further divided into the following industrial categories: manufacturing, construction, and mining. The service producing sector breakdowns consist of transportation/communication/public utilities (TCU), finance/insurance/real estate, trade, services, and government. The outlook for the goods producing sector is rather dim with a 1,300 job loss expected between 1984 and 1990. The previous six year period (1978-1984) resulted in a 7,000 job reduction. However, the next six years will not have as much job erosion as in the past six years in the goods producing jobs. The service producing sector of the Montana economy accounts for about 8 out of every 10 jobs. This sector will gain 19,400 jobs from 1984 to 1990, which amounts to a 1.4 percent annual growth rate.

Overall, the Mining industry forecast is seen as an unchanged employment level but the more detailed industry categories within mining have a great deal of change. Gold mining will create several hundred new jobs. Coal mining and non-metal mining are expected to increase slightly. Oil and gas extraction employment will realize a substantial decline.

Metal mining has a history of domination by copper mining but the future employment growth is based upon precious metal mining. (Mainly gold and silver). Many of the new and planned developments are located in the mountains in rural western counties and employment will range between 100 and 250 workers. The major copper mining facility has phased down from several thousand workers to an inactive status in 1983. A new owner is trying to start-up the copper mining operation with about a 250 person workforce, but at this time the forecasted mining figures do not include any

copper mining development.

Coal mining, just a few years ago, was viewed as the bright spot in Montana's economy. The coal production contracts now indicate a fairly flat production outlook into 1990. When the long term coal contracts expire in the early 1990's, Montana's coal production may be in jeopardy from other states producing their own coal or finding a lower price source for their coal.

The employment forecast for oil and gas exploration was computed before the sudden price shake-out. Even before reduced oil prices entered the economy, exploration activity had been slowing down in Montana. Montana's exploration cost often is more costly because the oil discoveries are found at a deeper depth than in many other states. Access to the Overthrust Belt (which follows the continental divide) has been limited and testing results have been much less than expected. The oil and gas industry outlook appears to be more pessimistic than it has been in a long time.

Construction employment has been in a general decline since 1978. Three major considerations influence a continued decline in the construction workforce: demographic shifts will require fewer new homes to be built; most of the interstate highway system construction is completed; and no major construction projects, such as power plant development, is scheduled for the next few years.

Manufacturing employment is expected to lose about 800 jobs in the next few years, but the loss is concentrated in three industries: food products, lumber and woods, and primary metals. The food products decline follows a

national pattern. Also, Montana has experienced a sharp reduction in the meat packing industry employment in several plant closures. The lumber and woods industry's workforce shrinkage will be caused by a combination of forces such as marketing challenges from new substitute products, automation, both in mills and logging areas, competition from southern states and Canada, changes in the raw materials from large diameter timber to a smaller size, and changes in the U.S. Forest Service logging policy. The biggest challenge for primary metals employment is keeping the aluminum production going. Montana's only aluminum plant recently became an employee owned facility and has short term production contracts. The long term outlook will be influenced by electric power cost which is about one-third of the total production cost.

Growth is expected in many other manufacturing industries and the smaller size firms are seen having the strongest growth potential. Montana has yet to see much development in "high tech" products as many other states have experienced. In fact, the turn-over of firms in electronic manufacturing has been quite noticeable in Montana.

Only a small gain in employment is forecast for (TCU) the Transportation/Communication/Public Utilities industry because a couple of established industries are still declining. The railroad workforce decline is not a gradual decline because of about 400 job losses in the first six months of 1986. The major telephone service companies are still in a reorganization and automation phase that will cause about a one percent decline in employment each year until 1990.

The strongest TCU growth should be in the trucking-warehouse sector.

Influencing this industry's employment increase is the reduction in railway branch lines. Also, more deliveries to retail stores are by-passing the wholesale distribution network - a direct manufacturer to retail store concept.

The electric - gas utility companies are not anticipating the employment growth that has occurred in the past decade. The current status in some firms is close to a hiring freeze condition.

Wholesale trade will not continue the growth pace noticed in recent years, but Retail trade shall continue to expand its job creation at a respectable rate. Currently wholesale trade growth is not occurring at the anticipated level because of the severe agricultural economic woes. Eating and drinking establishments will lead the retail growth as the population trends toward more eating outside the home. Many of the expanded retail jobs will be part-time or seasonal work.

The Finance/Insurance/Real Estate (FIRE) industry is projected to grow by one percent annually. The banking industry will not be part of the FIRE growth, as this sector will decline by nearly one percent each year due to automation and centralization factors.

The FIRE industry is highly influenced by interest rates and population demographics and such national policies relating to the interest rate (such as budget deficit) will have a strong bearing on the future of this industry.

The current slower population growth will influence a mild expansion of FIRE jobs as compared to the moderate expansion in the last decade.

The Services industry, which includes government run schools and hospitals, is the number one employer of Montanans. It accounts for nearly one-third of all jobs. Following the national trend, services will continue to be the fastest growing industry. Areas such as health services, personal services, business services, and education are the biggest job gainers.

The Government industry, which does not include government run schools or hospitals, will be the second lowest growing industry through 1990. There are a number of reasons for this, not the least of which is the public's protest of waste in government and the necessities of balancing the state and national budget by reducing government programs.

INDUSTRY EMPLOYMENT
TWO DIGIT STANDARD INDUSTRIAL CLASSIFICATION
1984 AND PROJECTED 1990

	1984 ANNUAL AVG EMPL	1990 ANNUAL AVG EMPL	CHANGE IN EMPL	PERCENT CHANGE	ANNUAL PERCENT CHANGE
TOTAL NONAG EMPLOYMENT.....	276143	294172	18029	6.5%	1.1%
MINING.....	7695	7694	-1	0	0
10 METAL MINING.....	1138	1704	566	49.7%	.8%
12 BITUM COAL & LIG MIN..	1304	1447	143	11.0%	1.8%
13 OIL & GAS EXTRACTION..	4292	3497	-795	-18.5%	-3.1%
14 MINING & QRY NONMETL..	961	1046	85	8.8%	1.5%
CONSTRUCTION.....	12536	11972	-564	-4.5%	-.8%
15 GENERAL BUILDING.....	3829	3602	-227	-6.0%	-1.0%
16 HEAVY CONSTRUCTION....	3694	3509	-185	-5.0%	-.8%
17 SPECIAL TRADE.....	5013	4861	-152	-3.0%	-.5%
MANUFACTURING.....	22631	21852	-779	-3.4%	-.6%
20 FOOD PRODUCTS.....	3172	2706	-466	-5.0%	-.5%
23 APPAREL.....	473	496	23	5.0%	.8%
24 LUMBER.....	9018	8108	-910	-10.1%	-.2%
25 FURNITURE.....	194	239	45	23.2%	3.9%
26 PAPER.....	912	945	33	3.6%	6.0%
27 PRINTING-PUBLISH.....	2386	2542	156	6.5%	1.9%
28 CHEMICALS.....	546	651	105	19.2%	3.2%
29 PETRO-COAL.....	950	902	-48	-5.1%	-.8%
30 RUBBER-MISC PLAST.....	121	148	27	22.3%	3.7%
31 LEATHER.....	65	73	8	12.3%	2.1%
32 STONE-CLAY-GLASS.....	1158	1156	-2	-.2%	-.3%
33 PRIMARY METAL.....	1536	1162	-374	-24.3%	-4.6%
34 FABRICATED METAL.....	560	652	92	16.4%	2.7%
35 NON ELECT MACH.....	484	613	129	26.7%	4.4%
36 ELECT-ELECTR EQUIP....	344	499	155	45.1%	7.5%
37 TRANSPORT EQUIP.....	191	252	61	32.0%	5.3%
38 INSTRUMENTS.....	135	157	22	16.3%	3.0%
39 MISC MFG.....	386	551	165	43.0%	7.1%
TRANSPORT-COMMUNIC-UTILITY.	23040	23436	396	1.7%	.3%
40 RAILROAD.....	3985	3503	-482	-12.1%	-2.0%
41 LOCAL-URBAN TRANS.....	1128	1324	196	17.4%	2.9%
42 TRUCKING-WAREHOUSE....	5237	5746	509	10.0%	1.6%
43 U.S. POSTAL SERVICE...	2360	2408	48	2.0%	.3%
44 WATER TRANSPORT.....	22	28	6	27.3%	4.6%
45 AIR TRANS.....	739	903	164	22.2%	3.7%
46 PIPELINES(EX NAT GAS)..	89	98	9	10.1%	1.7%
47 TRANSPORT SERVICES....	451	551	100	22.2%	3.9%
48 COMMUNICATION.....	4274	4051	-223	-5.2%	-.9%
49 ELECT-GAS-SAN-SERVICES	4755	4824	69	1.5%	.2%

This employment series has industry alterations to match the occupational matrix. Changes include: postal service from government to SIC 43; state and local education from government to SIC 82 and state and local hospitals from government to SIC 80.

(TWO DIGIT INDUSTRY EMPLOYMENT (CONT.)
1984 AND PROJECTED 1990

	1984 ANNUAL AVG EMPL	1990 ANNUAL AVG EMPL	CHANGE IN EMPL	PERCENT CHANGE	ANNUAL PERCENT CHANGE
WHOLESALE-RETAIL TRADE.....	75802	83791	7989	10.5%	1.8%
WHOLESALE TRADE.....	17366	17957	591	3.4%	.6%
50 DURABLE GOODS.....	9317	9590	231	2.5%	.4%
51 NONDURABLE.....	7952	8367	360	4.5%	.7%
RETAIL TRADE.....	58436	65834	7398	12.7%	2.1%
52 BLDG MAT-GARDEN.....	3289	3595	306	9.3%	1.6%
53 GEN MERCH.....	5700	6343	643	11.3%	1.9%
54 FOOD STORES.....	8381	9096	715	8.5%	1.4%
55 AUTO DLRS-SVC ST.....	7628	8451	823	10.8%	1.8%
56 APPAREL & ACCESS.....	2555	2911	356	13.9%	2.3%
57 FURN & HOME FURNISHES..	2372	2547	175	7.4%	1.2%
58 EATING & DRINKING.....	22297	25898	3601	16.2%	2.7%
59 MISC RETAIL.....	6214	6993	779	12.5%	2.1%
FINANCE-INSUR-REAL ESTATE..	13361	14143	782	5.8%	1.0%
60 BANKING.....	5251	5003	-248	-4.7%	-.8%
61 CREDIT AGENCIES.....	1696	1997	301	17.7%	3.0%
62 SEC-COMM-BRKS-SV.....	546	701	155	28.4%	5.0%
63 INSURANCE CARR.....	1313	1268	-45	-3.4%	.8%
64 INSURANCE AGENT-BRKS..	1778	2107	329	18.5%	3.1%
65 REAL ESTATE.....	2553	2822	269	10.5%	1.8%
66 COMBINATIONS.....	92	72	-20	-21.7%	-3.6%
67 HOLDING & INVESTMENTS..	132	173	41	31.1%	5.2%
SERVICE.....	85451	94905	9454	11.1%	1.8%
70 HOTELS & LODGING.....	6829	7493	664	9.7%	1.6%
72 PERSONAL SERVICE.....	2800	3637	837	29.9%	5.0%
73 BUSINESS SERVICE.....	5237	6949	1712	32.7%	5.4%
75 AUTO-REPAIR SERVICE...	2105	2394	289	13.7%	2.3%
76 MISC REPAIR SERVICE...	944	1027	83	8.8%	1.5%
78 MOTION PICTURES.....	679	639	-40	-5.9%	-1.0%
79 AMUS & REC SERVICES...	2176	2841	665	30.6%	5.1%
80 HEALTH SERVICES.....	22039	24652	2613	11.8%	2.0%
81 LEGAL SERVICES.....	1708	1938	230	13.5%	2.2%
82 EDUCATIONAL SERVICES..	27639	28695	1056	3.8%	.6%
83 SOCIAL SERVICES.....	4110	4852	742	18.0%	3.0%
84 MUSEUMS, ZOOS ETC.....	78	129	51	65.4%	11.0%
86 MEMBERSHIP ORG.....	5968	6294	326	5.5%	.9%
89 MISC SERVICES.....	3139	3365	226	7.2%	1.2%
GOVERNMENT.....	35627	36379	752	2.1%	.4%
FEDERAL.....	10398	10486	88	.8%	.1%
STATE.....	9510	9899	389	4.1%	.7%
LOCAL.....	15719	15994	275	2.0%	.3%

MONTANA'S 1982-1990 OCCUPATION OUTLOOK REVIEW

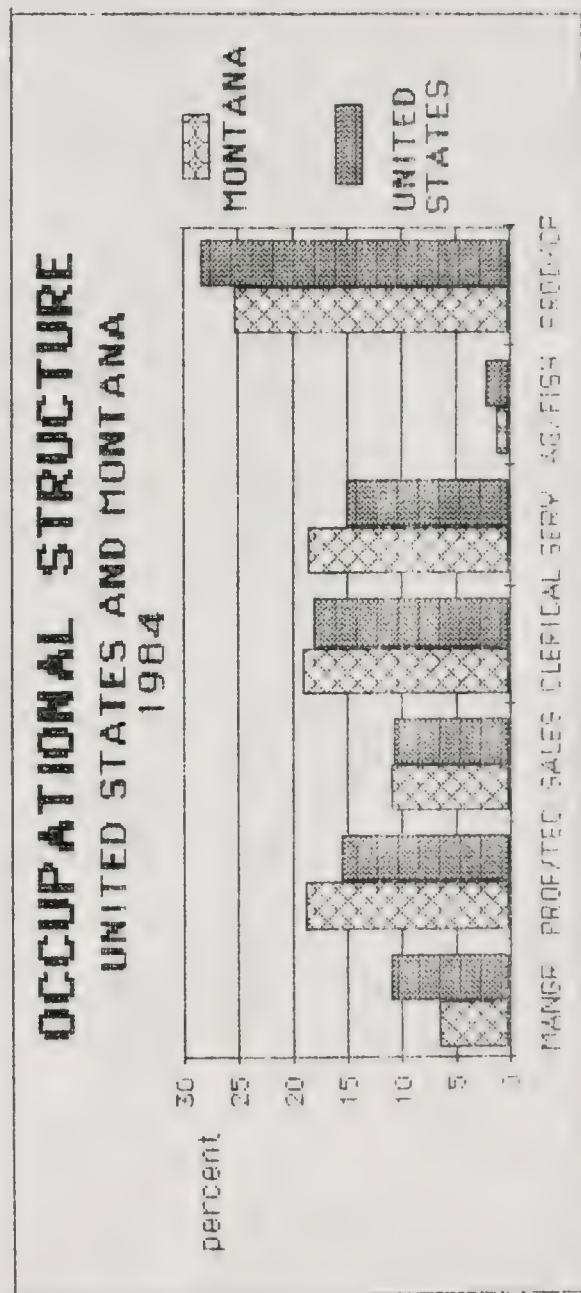
Jobs in Montana are concentrated in relatively few occupations. The alphabetical detail occupational listing has 532 total occupations. From this list, the largest 55 occupations controls two-thirds of the total employment. The top five occupations include retail sales persons, truck drivers, janitors, secretaries, and waiters/waitresses. These five job functions amount to 15 percent of the total work force. The training or education needed for most of the larger employment occupations is not extensive and many jobs are low skilled positions. However some, such as nurses and teachers, do require several years of college.

In reviewing the total annual average job opening series, three-fourths of the job openings are due to labor force separations and the other quarter are due to growth. The overall economic conditions in Montana should be considered when applying the average openings, especially the openings due to growth. For example, 1985's employment data indicates a one percent decline occurred rather than a one percent improvement in job growth as the forecast annual average perceives.

White collar and service occupations comprises nearly all of the job growth between 1984 and 1990. The blue collar job growth is small but the openings due to separations is a significant count. The blue collar occupations contributions to the total jobs is only one out of 100 growth jobs but is nearly one out of five jobs due to labor force replacement needs.

MONTANA DISTRIBUTION OF EMPLOYMENT BY MAJOR OCCUPATIONAL GROUPS

INDUSTRY GROUP	1984 employment	%total employment	1990 employment	%total employment	change in total employment	percent change	annual openings due to growth	annual openings due to separations	annual openings per occupation
MANAGERIAL & ADMINISTRATIVE	17408	6.3%	18387	6.2%	979	5.6%	167	589	756
PROFESSIONAL, TECHNICAL	52113	18.8%	56322	19.1%	4209	8.1%	712	1791	2503
SALES & RELATED	30212	10.9%	33561	11.4%	3349	11.1%	561	1240	1801
CLERICAL & ADMIN. SUPPORT	52365	18.9%	55460	18.8%	3095	5.9%	529	1797	2326
SERVICE	51103	18.5%	57097	19.4%	5994	11.7%	1006	1986	2992
AGRICULTURE, FORESTRY, FISH	3384	1.2%	3265	1.1%	-119	-3.5%	-13	91	78
PRODUCTION, OPERATING, MAINT.	69558	25.1%	70080	23.8%	522	0.8%	153	2225	2378
TOTAL ALL OCCUPATIONS	276143	100.0%	294172	100.0%	18029	6.5%	3115	9719	12834



OCCUPATIONS WITH MOST OPENINGS IN MONTANA * (ANNUAL AVERAGE JOB OPENINGS)							
OCCUPATIONS	DUE TO GROWTH	DUE TO LABOR FORCE SEPARATION	ANNUAL AVERAGE OPENINGS	OCCUPATIONS	DUE TO GROWTH	DUE TO LABOR FORCE SEPARATIONS	ANNUAL AVERAGE OPENINGS
1. SALES PERSONS: RETAIL	205	495	700	31. MANAGERS & ADMIN. (NO DETAIL)	12	82	94
2. CASHIERS	180	243	423	32. ALL OTHER MANAGEMENT SUPPORT OCC	8	80	88
3. JANITOR, PORTER, CLEANER, MAID	131	291	422	33. STOCK CLERKS: SALES FLOOR	38	48	86
4. SECRETARIES	154	266	420	34. COUNTER AND RENTAL CLERKS	20	62	82
5. WAITERS AND WAITRESSES	126	238	364	35. TEACHER'S AIDES, EDUC. ASSISTANT	20	62	82
6. MAINTENANCE REPAIRERS, GENERAL	44	319	363	36. HAIRDRESSERS AND COSMETOLOGISTS	35	44	79
7. SALES & RELATED OCC. (NO DETAIL)	67	295	362	37. AUTO AND MOTORCYCLE MECHANICS	18	60	78
8. TRUCK DRIVERS	68	282	350	38. FOOD SERVICE & LODGING MANAGERS	26	49	75
9. BOOKKEEPING & ACCOUNTING CLERKS	69	279	348	39. CARPENTERS	17-	89	72
10. COMB. FOOD PREPARATION, SERVICE	152	169	321	40. BUS DRIVERS: SCHOOL	27	44	71
11. TEACHERS: ELEMENTARY SCHOOL	106	182	288	41. TYPISTS	12	55	67
12. GENERAL MANAGERS AND TOP EXEC.	66	207	273	42. LAWYERS	17	48	65
13. GENERAL OFFICE CLERKS	26	229	255	43. COOKS: INSTITUTION OR CAFETERIA	13	52	65
14. REGISTERED NURSES	69	179	248	44. SOCIAL WORKERS	20	43	63
15. NURSING AIDES, ORDERLIES	87	153	240	45. STOCK CLERKS	16	46	62
16. BARTENDERS	68	143	211	46. INSTRUCTORS AND COACHES: SPORTS	28	32	60
17. FOOD PREPARATION WORKERS	65	123	188	47. GUARDS AND WATCH GUARDS	15	37	52
18. CLERICAL & SUPPORT (NO DETAIL)	31	153	184	48. TEACHERS: PRESCHOOL	23	28	51
19. COOKS: RESTAURANT	67	114	181	49. PROFESSIONAL/TECHN. (NO DETAIL)	11	40	51
20. RECEPTIONISTS, INFORMATION CLERKS	63	83	146	50. TELLERS	2	48	50
21. FOOD SERVICE WORKERS (NO DETAIL)	25	106	131	51. GARDENERS & GROUNDSKEEPERS	19	29	48
22. TEACHERS: SECONDARY SCHOOL	17	112	129	52. COMPUTER OPERATORS, EXC. PERIPH.	35	12	47
23. BLUE-COLLAR WORKERS SUPERVISORS	5	119	124	53. WHOLESALE AND RETAIL BUYERS	9	36	45
24. ACCOUNTANTS AND AUDITORS	32	87	119	54. BILLING, COST AND RATE CLERKS	8	37	45
25. SERVICE WORKERS (NO DETAIL)	28	87	115	55. POSTAL MAIL CARRIERS	10	33	43
26. COOKS: FAST FOOD & SHORT ORDER	40	74	114	56. OTHER HEALTH PROFESSIONALS, TECHN	21	21	42
27. LICENSED PRACTICAL NURSES	31	80	111	57. TRAFFIC, SHIPPING CLERKS	9	33	42
28. HAND LABORERS (NO DETAIL)	29-	133	104	58. CORRECTION OFFICERS AND JAILERS	11	31	42
29. TEACHERS, INSTRUCTORS(NO DETAIL)	13	87	100	59. AMUSEMENT & RECREATION ATTENDANT	21	21	42
30. FINANCIAL MANAGERS	25	73	98	60. HOTEL DESK CLERKS	7	34	41

FASTEST GROWING OCCUPATIONS IN MONTANA 1982-1990 *

OCCUPATIONS	EMPLOYMENT 1984	EMPLOYMENT 1990	PERCENT INCREASE	OCCUPATIONS	EMPLOYMENT 1984	EMPLOYMENT 1990	PERCENT INCREASE
1. TRAVEL AGENTS	270	354	31.1%	31. HOUSEKEEPERS, HOTEL AND MOTEL	419	473	12.8%
2. RESERVATION TICKET AGENTS	303	389	28.3%	32. GARDENERS & GROUNDSKEEPERS	874	985	12.7%
3. COMPUTER OPERATORS, EXC. PERIPH.	812	1021	25.7%	33. FOOD SERVICE & LODGING MANAGERS	1231	1386	12.5%
4. AMUSEMENT & RECREATION ATTENDANT	478	601	25.7%	34. BUS DRIVERS: SCHOOL	1313	1477	12.4%
5. ASSEMBLERS AND FABRICATORS	338	421	24.5%	35. DINING ROOM & BARTENDER HELPERS	1117	1256	12.4%
6. HAIRDRESSERS AND COSMETOLOGISTS	867	1079	24.4%	36. ORDER CLERKS: MATERIALS, SERVICE	336	377	12.2%
7. COMB. FOOD PREPARATION, SERVICE	3761	4674	24.2%	37. GUARDS AND WATCH GUARDS	754	846	12.2%
8. SALES AGENTS: FINANCIAL SERVICES	332	411	23.8%	38. SERVICE WORKERS (NO DETAIL)	1388	1554	11.9%
9. SYSTEMS ANALYSTS: DATA PROCESSING	340	416	22.3%	39. FOOD PREPARATION WORKERS	3279	3670	11.9%
10. OTHER HEALTH PROFESSIONALS, TECHN	627	752	19.9%	40. TEACHERS: ELEMENTARY SCHOOL	5408	6046	11.8%
11. RECEPTIONISTS, INFORMATION CLERKS	1994	2371	18.9%	41. SECRETARIES	7933	8858	11.6%
12. INSTRUCTORS AND COACHES: SPORTS	917	1084	18.2%	42. MEDICINE AND HEALTH SERV. MGRS	280	312	11.4%
13. CORRECTION OFFICERS AND JAILERS	368	432	17.3%	43. PHYSICIANS AND SURGEONS	639	711	11.2%
14. COMPUTER PROGRAMMERS & AIDES	649	759	16.9%	44. LAWYERS	916	1018	11.1%
15. TEACHERS: PRESCHOOL	810	946	16.7%	45. WAITERS AND WAITRESSES	6936	7689	10.8%
16. CASHIERS	6435	7513	16.7%	46. STRUCTURAL METAL FABRICATORS	333	369	10.8%
17. ELECTRICAL/ELECTRONIC ENGINEERS	310	361	16.4%	47. COOKS: FAST FOOD & SHORT ORDER	2223	2461	10.7%
18. PHARMACISTS	459	532	15.9%	48. SALES PERSONS: RETAIL	11560	12789	10.6%
19. DENTAL HYGIENISTS	260	301	15.7%	49. INSURANCE POLICY PROCESS. CLERKS	366	404	10.3%
20. DENTAL ASSISTANTS	517	595	15.0%	50. LICENSED PRACTICAL NURSES	1780	1964	10.3%
21. COOKS: RESTAURANT	2653	3053	15.0%	51. TIRE REPAIRERS AND CHANGERS	442	487	10.1%
22. HOSTS & HOSTESSES	533	613	15.0%	52. VEHICLE, EQUIPMENT CLEANERS	458	501	9.3%
23. TEACHERS: VOCATIONAL EDUCATION	573	655	14.3%	53. REGISTERED NURSES	4455	4866	9.2%
24. GEOPHYSICISTS	295	337	14.2%	54. SOCIAL WORKERS	1309	1429	9.1%
25. INSTRUCTORS: NONVOCATIONAL EDUC.	554	632	14.0%	55. BAKERS, BREAD & PASTRY	534	582	9.0%
26. BARTENDERS	2980	3390	13.7%	56. FOOD SERVICE WORKERS (NO DETAIL)	1681	1832	9.0%
27. CLERGY	274	311	13.5%	57. JANITOR, PORTER, CLEANER, MAID	8780	9568	9.0%
28. NURSING AIDES, ORDERLIES	3855	4374	13.4%	58. FILE CLERK	390	424	8.7%
29. RECREATION WORKERS	270	306	13.3%	59. BUS DRIVERS	281	305	8.5%
30. CHILD CARE WORKERS	448	507	13.1%	60. SERVICE SALES OCC. (NO DETAILS)	472	512	8.5%

*INCLUDES ONLY THOSE OCCUPATIONS WITH ESTIMATED 1990 EMPLOYMENT OF AT LEAST 300.

OCCUPATION	EMPLOYMENT 1984	EMPLOYMENT 1990	PERCENT DECLINE	OCCUPATIONS	EMPLOYMENT 1984	EMPLOYMENT 1990	PERCENT DECLINE
1. ROUSTABOUTS	839	670	-20.1%	28. ENGINEERING TECHN. (NO DETAIL)	330	317	-3.9%
2. SERVICE UNIT OPERATORS	444	357	-19.5%	29. CARPENTERS	2869	2759	-3.8%
3. CENTRAL OFFICE OPERATORS	205	173	-15.6%	30. FARM EQUIPMENT MECHANICS	322	310	-3.7%
4. WELL HEAD PUMPERS	203	172	-15.2%	31. HAND LABORERS (NO DETAIL)	4900	4723	-3.6%
5. CENTRAL OFFICE & PBX INSTALLERS	270	229	-15.1%	32. PRODUCTION INSPECTORS, GRADERS	362	349	-3.5%
6. LOGGING TRACTOR OPERATORS	603	513	-14.9%	33. CONCRETE AND TERRAZZO FINISHERS	338	326	-3.5%
7. FALLERS AND BUCKERS	625	532	-14.8%	34. COST ESTIMATORS	294	285	-3.0%
8. CHOKE SETTERS	223	190	-14.8%	35. TELEPHONE, CABLE TV INSTALLERS	322	313	-2.8%
9. RAIL CAR REPAIRERS	255	222	-12.9%	36. ELECTRICIANS	1255	1220	-2.7%
10. STENOGRAPHERS	324	283	-12.6%	37. MACHINERY MAINTENANCE WORKERS	402	391	-2.7%
11. LOG HANDLING EQUIPMENT OPERATORS	268	238	-11.1%	38. OPERATING ENGINEERS	1253	1220	-2.6%
12. SHERIFFS, DEPUTIES, US MARSHALL	728	652	-10.4%	39. VOCATIONAL AND EDUC. COUNSELORS	315	308	-2.2%
13. SAWING MACHINE OPERATOR/TENDER	666	604	-9.3%	40. HEAVY EQUIPMENT MECHANICS	749	734	-2.0%
14. RAILROAD BRAKE, SIGNAL, SWITCH	557	506	-9.1%	41. INDUSTRIAL TRUCK/TRACTOR OPER.	935	918	-1.8%
15. DATA ENTRY KEYERS, EXC.COMPOSING	780	709	-9.1%	42. CONSTRUCTION WORKERS (NO DETAIL)	277	272	-1.8%
16. HOIST, WINCH, CRANE OPERATORS	212	193	-8.9%	43. PAINTERS AND PAPERHANGERS	392	385	-1.7%
17. MACHINE FEEDERS AND OFFBEARERS	1264	1153	-8.7%	44. HAND PACKERS AND PACKAGERS	567	558	-1.5%
18. HELPERS: CONSTRUCTION	1263	1159	-8.2%	45. SHEET METAL WORKERS	516	508	-1.5%
19. GRADUATE ASSISTANTS, TEACHING	668	615	-7.9%	46. PLUMBER, PIPEFITTER, STEAMFITTER	846	835	-1.3%
20. PACKAGING, FILLING MACHINE OPER.	305	281	-7.8%	47. UTILITIES CUSTOMER SERVICE REPS	256	254	-0.7%
21. TELEPHONE STATION INSTALLERS	257	239	-7.0%	48. GRADER, DOZER, SCRAPER OPER.	392	389	-0.7%
22. BUTCHER, MEATCUTTER, SLAUGHTERER	750	699	-6.8%	49. POSTAL SERVICE CLERKS	1265	1257	-0.6%
23. MILLWRIGHTS	314	294	-6.3%	50. LIBRARIANS, PROFESSIONAL	617	614	-0.4%
24. ROTARY DRILL OPERATORS	446	418	-6.2%	51. ADJUSTMENT CLERKS	261	260	-0.3%
25. RAILROAD CONDUCTORS, YARDMASTERS	367	347	-5.4%	52. NEW ACCOUNTS CLERKS	297	296	-0.3%
26. CONVEYOR OPERATORS AND TENDERS	285	271	-4.9%	53. MATERIAL WORKERS (NO DETAIL)	622	620	-0.3%
27. CONSTRUCTION MANAGERS	617	589	-4.5%	54. ELECTRICAL POWERLINE INSTALLERS	562	561	-0.1%

* INCLUDES ONLY THOSE OCCUPATIONS WITH ESTIMATED 1984 EMPLOYMENT OF AT LEAST 200.

JOBS IN MONTANA-STATEWIDE
BY MATRIX TITLE WITHIN SIC TITLE04/08/86 PAGE 1
AVE. ANNUAL

SIC TITLE ***** MATRIX TITLE *****	1984 ---	1990 ---	1984-1990 GROWTH -----	GROWTH -----
MINING & CONSTRUCTION				
MANAGERIAL & ADMINISTRATIVE	1,342	1,311	31-	6-
PROFESSIONAL, PARAPROFESSIONAL & TECHNICAL	1,300	1,404	104	16
SALES & RELATED OCCUPATIONS	209	188	21-	4-
CLERICAL & ADMINISTRATIVE SUPPORT	2,056	2,021	35-	7-
SERVICE OCCUPATIONS	182	193	11	2
AGRICULTURE, FORESTRY, & FISHING	10	10	0	0
PRODUCTION, OPERATING & MAINTENANCE	15,132	14,539	593-	96-
TOTAL:	20,231	19,666	565-	95-
MANUFACTURING				
MANAGERIAL & ADMINISTRATIVE	1,015	1,043	28	5
PROFESSIONAL, PARAPROFESSIONAL & TECHNICAL	1,273	1,296	23	4
SALES & RELATED OCCUPATIONS	821	846	25	3
CLERICAL & ADMINISTRATIVE SUPPORT	1,994	2,038	44	10
SERVICE OCCUPATIONS	358	334	24-	4-
AGRICULTURE, FORESTRY, & FISHING	1,888	1,624	264-	45-
PRODUCTION, OPERATING & MAINTENANCE	15,282	14,671	611-	105-
TOTAL:	22,631	21,852	779-	132-
TRANSPORTATION & PUBLIC UTILITIES				
MANAGERIAL & ADMINISTRATIVE	1,605	1,587	18-	3-
PROFESSIONAL, PARAPROFESSIONAL & TECHNICAL	1,734	1,757	23	3
SALES & RELATED OCCUPATIONS	1,186	1,291	105	18
CLERICAL & ADMINISTRATIVE SUPPORT	6,602	6,655	53	7
SERVICE OCCUPATIONS	273	285	12	3
PRODUCTION, OPERATING & MAINTENANCE	11,640	11,861	221	36

JOBS IN MONTANA-STATEWIDE
BY MATRIX TITLE WITHIN SIC TITLESIC TITLE *****
MATRIX TITLE *****

	1984	1990	1984-1990	AVE. ANNUAL
	-----	----	GROWTH	-----
WHOLESALE & RETAIL TRADE				
MANAGERIAL & ADMINISTRATIVE	5,650	6,132	482	80
PROFESSIONAL, PARAPROFESSIONAL & TECHNICAL	2,455	2,674	219	37
SALES & RELATED OCCUPATIONS	24,381	27,141	2,760	460
CLERICAL & ADMINISTRATIVE SUPPORT	9,146	9,799	653	110
SERVICE OCCUPATIONS	21,848	25,161	3,313	552
AGRICULTURE, FORESTRY, & FISHING	216	237	21	3
PRODUCTION, OPERATING & MAINTENANCE	12,106	12,647	541	91
TOTAL:	75,802	83,791	7,989	1,333
FINANCE, INSURANCE, & REAL ESTATE				
MANAGERIAL & ADMINISTRATIVE	1,236	1,284	48	8
PROFESSIONAL, PARAPROFESSIONAL & TECHNICAL	1,783	1,855	72	13
SALES & RELATED OCCUPATIONS	1,651	1,855	204	35
CLERICAL & ADMINISTRATIVE SUPPORT	7,194	7,517	323	55
SERVICE OCCUPATIONS	838	913	75	13
AGRICULTURE, FORESTRY, & FISHING	180	198	18	3
PRODUCTION, OPERATING & MAINTENANCE	479	521	42	7
TOTAL:	13,361	14,143	782	134
SERVICE INDUSTRIES				
MANAGERIAL & ADMINISTRATIVE	4,129	4,549	420	71
PROFESSIONAL, PARAPROFESSIONAL & TECHNICAL	34,427	37,903	3,476	586
SALES & RELATED OCCUPATIONS	1,658	1,925	267	45
CLERICAL & ADMINISTRATIVE SUPPORT	15,987	17,874	1,887	318
SERVICE OCCUPATIONS	21,484	23,967	2,483	413

JOBS IN MONTANA-STATEWIDE
BY MATRIX TITLE WITHIN SIC TITLEO4/08/86 PAGE 3
AVE. ANNUAL

SIC TITLE *****	1984	1990	1984-1990	GROWTH
MATRIX TITLE *****	-----	-----	-----	-----
AGRICULTURE, FORESTRY, & FISHING	484	573	89	14
PRODUCTION, OPERATING & MAINTENANCE	7,282	8,114	832	138
TOTAL:	85,451	94,905	9,454	1,585
GOVERNMENT				
MANAGERIAL & ADMINISTRATIVE	2,431	2,481	50	6
PROFESSIONAL, PARAPROFESSIONAL & TECHNICAL	9,141	9,433	292	51
SALES & RELATED OCCUPATIONS	306	315	9	2
CLERICAL & ADMINISTRATIVE SUPPORT	9,386	9,556	170	27
SERVICE OCCUPATIONS	6,120	6,244	124	22
AGRICULTURE, FORESTRY, & FISHING	606	623	17	3
PRODUCTION, OPERATING & MAINTENANCE	7,637	7,727	90	14
TOTAL:	35,627	36,379	752	125
GRAND TOTAL:	276,143	294,172	18,029	3,014

DES MATRIX INDUSTRY EMPLOYMENT ESTIMATES

TABLE B

MAT7000.R2

(1984 ANNUAL AVERAGE AND 1990 PROJECTED EMPLOYMENT)

AREA : O - MONTANA: STATEWIDE

INDUSTRY CODE	INDUSTRY TITLE	1984 ANNUAL AVG EMPLOYMENT	1990 PROJECTED EMPLOYMENT	CHANGE IN EMPLOYMENT	PERCENT CHANGE
000000	TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS	276143	294172	18029	6.53
201040	TOTAL ALL INDUSTRIES	276143	294172	18029	6.53
201080	GOLD AND SILVER ORES	913	1435	522	57.17
201090	METAL MINING SERVICES	210	249	39	18.57
201210	MISCELLANEOUS METAL ORES	15	20	5	33.33
201310	BITUMINOUS COAL AND LIGNITE MINING	1304	1447	143	10.97
201320	CRUDE PETROLEUM AND NATURAL GAS	915	781	-134	-14.64
201380	NATURAL GAS LIQUIDS	4	4	0	0.00
201420	OIL AND GAS FIELD SERVICES	3373	2712	-661	-19.60
201440	CRUSHED AND BROKEN STONE	47	47	0	0.00
201450	SAND AND GRAVEL	241	266	25	10.37
201470	CLAY AND RELATED MINERALS	21	21	0	0.00
201490	CHEMICAL AND FERTILIZER MINERALS	141	148	7	4.96
301520	MISCELLANEOUS NONMETALLIC MINERALS	511	561	53	10.37
301540	RESIDENTIAL BUILDING CONSTRUCTION	2652	2491	-161	-6.07
301610	NONRESIDENTIAL BUILDING CONSTRUCTION	1177	1111	-66	-5.61
301620	HIGHWAY AND STREET CONSTRUCTION	1441	1364	-77	-5.34
301710	HEAVY CONSTRUCTION, EXCEPT HIGHWAY	2253	2145	-108	-4.79
301720	PLUMBING, HEATING, AIR CONDITIONING	1253	1241	-12	-0.96
301730	PAINTING, PAPER HANGING, DECORATING	277	277	-5	-1.81
301740	ELECTRICAL WORK	989	962	-27	-2.73
301750	MASONRY, STONEMWORK, AND PLASTER	627	583	-44	-7.02
301760	CARPENTERING AND FLOORING	106	89	-17	-16.04
301770	ROOFING AND SHEET METAL WORK	357	333	-24	-6.72
301780	CONCRETE WORK	552	533	-19	-3.44
301790	WATER WELL DRILLING	160	153	-7	-4.38
412410	MISCELLANEOUS SPECIAL TRADE CONTRACTORS	692	695	3	0.43
412420	LOGGING CAMPS AND LOGGING CONTRACTORS	1935	1629	-306	-15.81
412430	SAWMILLS AND PLANING MILLS	5369	4854	-515	-9.59
412440	MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS	780	672	-108	-13.85
412450	WOODEN CONTAINERS	47	61	14	29.79
412490	WOOD BUILDING AND MOBILE HOMES	459	453	-6	-1.31
412510	MISCELLANEOUS WOOD PRODUCTS	428	439	11	2.57
412530	HOUSEHOLD FURNITURE	120	159	39	32.50
413230	PUBLIC BUILDING AND RELATED FURNITURE	74	80	6	8.11
413240	PRODUCTS OF PURCHASED GLASS	4	4	0	0.00
413260	CEMENT, HYDRAULIC	199	198	-1	-0.50
413270	POTTERY AND RELATED PRODUCTS	4	4	0	0.00
413280	CONCRETE, GYPSUM, AND PLASTER PRODUCTS	940	939	-1	-0.11
413320	CUT STONE AND STONE PRODUCTS	11	11	0	0.00
413330	IRON AND STEEL FOUNDRIES	41	42	1	2.44
	PRIMARY NONFERROUS METALS	1406	1025	-381	-27.10

(1984 ANNUAL AVERAGE AND 1990 PROJECTED EMPLOYMENT)

AREA : 0 - MONTANA; STATEWIDE

INDUSTRY CODE	INDUSTRY TITLE	1984 ANNUAL AVG EMPLOYMENT	1990 PROJECTED EMPLOYMENT	CHANGE IN EMPLOYMENT	PERCENT CHANGE
413360	NONFERROUS FOUNDRIES	89	95	6	6.74
413420	CUTLERY, HAND TOOLS, AND HARDWARE	99	133	34	34.34
413430	PLUMBING AND HEATING, EXCEPT ELECTRICAL	78	78	0	0.00
413440	FABRICATED STRUCTURAL METAL PRODUCTS	340	392	52	15.29
413470	METAL SERVICES, N.E.C.	23	24	1	4.35
413480	ORDNANCE & ACCESS., EX VEH. & GUIDED MISS.	24	25	1	4.17
413520	FARM AND GARDEN MACHINERY	81	99	18	22.22
413530	CONSTRUCTION AND RELATED MACHINERY	68	62	-6	-8.82
413560	GENERAL INDUSTRIAL MACHINERY	178	201	23	12.92
413570	OFFICE, COMPUTING MACHINERY	3	10	7	233.33
413590	MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL	154	241	87	56.49
413610	ELECTRIC DISTRIBUTING EQUIPMENT	36	94	58	161.11
413620	ELECTRICAL INDUSTRIAL APPARATUS	5	10	5	100.00
413670	ELECTRONIC COMPONENTS AND ACCESSORIES	303	395	92	30.36
413710	MOTOR VEHICLES AND EQUIPMENT	119	152	33	27.73
413790	MISCELLANEOUS TRANSPORTATION EQUIPMENT	72	100	28	38.89
413820	MECHANICAL MEASURING AND CONTROLLING	30	40	10	33.33
413840	MEDICAL INSTRUMENTS AND SUPPLIES	105	117	12	11.43
413910	JEWELRY, SILVERWARE, AND PLATED WARE	93	125	32	34.41
413940	TOYS AND SPORTING GOODS	74	190	116	156.76
413950	PENS, PENCILS, AND OFFICE AND ART SUPPLIES	77	79	2	2.60
413990	MISCELLANEOUS MANUFACTURES	142	157	15	10.56
422010	MEAT PRODUCTS	563	351	-212	-37.66
422020	DAIRY PRODUCTS	609	486	-123	-20.20
422030	PRESERVED FRUITS AND VEGETABLES	30	38	8	26.67
422040	GRAIN MILL PRODUCTS	527	410	-117	-22.20
422050	BAKERY PRODUCTS	481	453	-28	-5.82
422060	SUGAR AND CONFECTIONERY PRODUCTS	376	375	-1	-0.27
422070	FATS AND OILS	32	24	-8	-25.00
422080	BEVERAGES	494	510	16	3.24
422090	MISCELLANEOUS FOODS AND KINDRED PRODUCTS	60	59	-1	-1.67
422320	MEN'S AND BOYS' FURNISHINGS	35	34	-1	-2.86
422390	MISCELLANEOUS FABRICATED TEXTILE PRODUCTS	438	462	24	5.48
422630	PAPERBOARD MILLS	752	759	7	0.93
422640	MISCELLANEOUS CONVERTED PAPER PRODUCTS	149	175	26	17.45
422650	PAPERBOARD CONTAINERS AND BOXES	11	11	0	0.00
422710	NEWSPAPERS	1508	1522	14	0.93
422720	PERIODICALS	103	120	17	16.50
422730	BOOKS	23	25	2	8.70
422740	MISCELLANEOUS PUBLISHING	35	45	10	28.57
422750	COMMERCIAL PRINTING	598	690	92	15.38
422780	BLANKBOOKS AND BOOKBINDING	108	130	22	20.37

(1984 ANNUAL AVERAGE AND 1990 PROJECTED EMPLOYMENT)

AREA : O - MONTANA: STATEWIDE

INDUSTRY CODE	INDUSTRY TITLE	1984 ANNUAL AVG EMPLOYMENT	1990 PROJECTED EMPLOYMENT	CHANGE IN EMPLOYMENT	PERCENT CHANGE
422790	PRINTING TRADE SERVICES	7	10	3	42.86
422810	INDUSTRIAL INORGANIC CHEMICALS	322	300	-22	-6.83
422840	SOAP, CLEANERS, AND TOILET GOODS	10	18	8	80.00
422850	PAINTS AND ALLIED PRODUCTS	63	64	1	1.59
422860	INDUSTRIAL ORGANIC CHEMICALS	50	52	2	4.00
422870	AGRICULTURAL CHEMICALS	101	217	116	114.85
422910	PETROLEUM REFINING	950	902	-48	-5.05
423070	MISCELLANEOUS PLASTICS PRODUCTS	121	148	27	22.31
423190	LEATHER GOODS, N.E.C.	65	73	8	12.31
514010	RAILROAD TRANSPORTATION	3985	3503	-482	-12.10
514110	LOCAL AND SUBURBAN TRANSPORTATION	183	200	17	9.29
514120	TAXICABS	157	169	12	7.64
514130	INTERCITY HIGHWAY TRANSPORTATION	197	206	9	4.57
514150	SCHOOL BUSES	571	724	153	26.80
514170	BUS TERMINAL AND SERVICE FACILITIES	20	25	5	25.00
514210	TRUCKING, LOCAL AND LONG DISTANCE	5133	5617	484	9.43
514220	PUBLIC WAREHOUSING	104	129	25	24.04
514300	U.S. POSTAL SERVICE	2360	2408	48	2.03
514460	WATER TRANSPORTATION SERVICES	22	28	6	27.27
514510	CERTIFICATED AIR TRANSPORTATION	425	553	128	30.12
514520	NONCERTIFIED AIR TRANSPORTATION	211	219	8	3.79
514580	AIR TRANSPORTATION SERVICES	103	131	28	27.18
514610	PIPE LINES, EXCEPT NATURAL GAS	89	98	9	10.11
514710	FREIGHT FORWARDING	33	40	7	21.21
514720	ARRANGEMENT OF TRANSPORTATION	418	511	93	22.25
524810	TELEPHONE COMMUNICATION	2646	2372	-274	-10.36
524830	RADIO AND TELEVISION BROADCASTING	1255	1290	35	2.79
524890	COMMUNICATION SERVICES, N.E.C.	373	389	16	4.29
524910	ELECTRIC COMPANIES AND SYSTEMS	682	686	4	0.59
524920	GAS COMPANIES AND SYSTEMS	119	124	5	4.20
524930	COMBINATION COMPANIES AND SYSTEMS	3472	3499	27	0.78
524940	WATER SUPPLY	103	105	2	1.94
524950	SANITARY SERVICES	284	308	24	8.45
524970	IRRIGATION SYSTEMS	95	102	7	7.37
615010	MOTOR VEHICLES AND AUTO PARTS AND SUPPLIES	1863	1963	100	5.37
615020	FURNITURE AND HOME FURNISHINGS	104	133	29	27.88
615030	LUMBER AND OTHER CONSTRUCTION MATERIALS	769	850	81	10.53
615040	SPORTING, TOY, PHOTO, & HOBBY GDS & SUPPLIES	120	139	19	15.83
615050	METALS AND MINERALS, EXCEPT PETROLEUM	418	461	43	10.29
615060	ELECTRICAL GOODS	685	709	24	3.50
615070	HARDWARE, PLUMBING, AND HEATING SUPPLIES	602	648	46	7.64
615080	MACHINERY, EQUIPMENT, AND SUPPLIES	4389	4211	-178	-4.06

AREA : O - MONTANA: STATEWIDE

INDUSTRY CODE	INDUSTRY TITLE	1984 ANNUAL AVG EMPLOYMENT	1990 PROJECTED EMPLOYMENT	CHANGE IN EMPLOYMENT	PERCENT CHANGE
615090	MISCELLANEOUS DURABLE GOODS	409	476	67	16.38
615110	PAPER & PAPER PRODUCTS	280	339	59	21.07
615120	DRUGS, PROPRIETARIES, AND SUNDRIES	240	259	19	7.92
615130	APPAREL, PIECE GOODS, AND NOTIONS	58	60	2	3.45
615140	GROCERIES AND RELATED PRODUCTS	2084	2231	147	7.05
615150	FARM-PRODUCT RAW MATERIALS	1512	1538	26	1.72
615160	CHEMICALS AND ALLIED PRODUCTS	371	389	18	4.85
615170	PETROLEUM AND PETROLEUM PRODUCTS	1506	1450	-56	-3.72
615180	BEER, WINE, & DISTILLED ALCOHOLIC BEVERAGE	623	679	56	8.99
615190	MISCELLANEOUS NONDURABLE GOODS	1333	1422	89	6.68
625210	LUMBER AND OTHER BLDG. MATERIALS DEALERS	1448	1554	106	7.32
625230	PAINT, GLASS, AND WALLPAPER STORES	259	283	24	9.27
625250	HARDWARE STORES	1202	1308	106	8.82
625260	RETAIL NURSERIES, LAWN AND GARDEN SUPPLIES	91	130	39	42.86
625270	MOBILE HOME DEALERS	289	320	31	10.73
625310	DEPARTMENT STORES	4459	4956	497	11.15
625330	VARIETY STORES	551	610	59	10.71
625390	MISCELLANEOUS GENERAL MERCHANDISE STORES	690	777	87	12.61
625410	GROCERY STORES	7729	8306	577	7.47
625420	MEAT AND FISH (SEAFOOD) MARKETS	137	149	12	8.76
625430	FRUIT STORES AND VEGETABLE MARKETS	23	41	18	78.26
625440	CANDY, NUT, AND CONFECTIONERY STORES	127	60	-67	-52.76
625450	DAIRY PRODUCTS STORES	39	51	12	30.77
625460	RETAIL BAKERIES	252	380	128	50.79
625490	MISCELLANEOUS FOOD STORES	74	109	35	47.30
625510	MOTOR VEHICLE DEALERS (NEW & USED)	3396	3423	27	0.80
625520	MOTOR VEHICLE DEALERS (USED ONLY)	140	171	31	22.14
625530	AUTO AND HOME SUPPLY STORES	1090	1283	193	17.71
625540	GASOLINE SERVICE STATIONS	2584	3127	543	21.01
625550	BOAT DEALERS	71	80	9	12.68
625560	RECREATIONAL AND UTILITY TRAILER DEALERS	100	112	12	12.00
625570	MOTORCYCLE DEALERS	121	129	8	6.61
625590	AUTOMOTIVE DEALERS, N.E.C.	126	126	0	0.00
625610	MEN'S AND BOYS' CLOTHING AND FURNISHINGS	343	331	-12	-3.50
625620	WOMEN'S READY-TO-WEAR STORES	947	1071	124	13.09
625630	WOMEN'S ACCESSORY AND SPECIALTY STORES	39	40	1	2.56
625640	CHILDREN'S AND INFANTS' WEAR STORES	91	110	19	20.88
625650	FAMILY CLOTHING STORES	515	579	64	12.43
625660	SHOE STORES	398	440	42	10.55
625680	FURRIERS AND FUR SHOPS	31	34	3	9.68
625690	MISCELLANEOUS APPAREL AND ACCESSORIES	191	306	115	60.21
625710	FURNITURE & HOME FURNISHINGS, EXC. APPL.	1318	1419	101	7.66

(1984 ANNUAL AVERAGE AND 1990 PROJECTED EMPLOYMENT)

AREA : O - MONTANA: STATEWIDE

INDUSTRY CODE	INDUSTRY TITLE	1984 ANNUAL AVG EMPLOYMENT	1990 PROJECTED EMPLOYMENT	CHANGE IN EMPLOYMENT	PERCENT CHANGE
807290	MISCELLANEOUS PERSONAL SERVICES	584	1139	555	95.03
807310	ADVERTISING	285	327	42	14.74
807320	CONSUMER CREDIT REPORTING AND COLLECTION	278	309	31	11.15
807330	MAILING,REPRO.,COMM.ART.& STENO. SERVICES	110	146	36	32.73
807340	SERVICES TO DWELLINGS AND OTHER BUILDINGS	971	1238	267	27.50
807350	NEWS SYNDICATES	15	18	3	20.00
807360	PERSONNEL SUPPLY SERVICES	434	852	418	96.31
807370	COMPUTER AND DATA PROCESSING SERVICES	480	679	199	41.46
807390	MISCELLANEOUS BUSINESS SERVICES	2664	3380	716	26.88
807510	AUTOMOBILE RENTALS, LEASING, W/O DRIVERS	328	367	39	11.89
807520	AUTOMOBILE PARKING	56	70	14	25.00
807530	AUTOMOBILE REPAIR SHOPS	1556	1747	191	12.28
807540	AUTOMOBILE SERVICES, EXCEPT REPAIR	165	210	45	27.27
807620	ELECTRICAL REPAIR SHOPS	232	252	20	8.62
807640	REUPHOLSTERY AND FURNITURE REPAIR	62	67	5	8.06
807690	MISC. REPAIR SHOPS AND RELATED SERVICES	650	708	58	8.92
807810	MOTION PICTURE PRODUCTION AND SERVICES	52	57	5	9.62
807830	MOTION PICTURE THEATERS	627	582	-45	-7.18
807910	DANCE HALLS, STUDIOS, AND SCHOOLS	16	20	4	25.00
807920	THEATRICAL PRODUCERS,BANDS,ENTERTAINERS	57	65	8	14.04
807930	BOWLING ALLEYS AND BILLIARD AND POOL ESTAB	673	708	35	5.20
807990	MISC. AMUSEMENT AND RECREATION SERVICES	1430	2048	618	43.22
808010	OFFICES OF PHYSICIANS	3273	3597	324	9.90
808020	OFFICES OF DENTISTS	1554	1797	243	15.64
808040	OFFICES OF OTHER HEALTH PRACTITIONERS	818	1154	336	41.08
808050	NURSING AND PERSONAL CARE FACILITIES	3114	4100	986	31.66
808060	HOSPITALS	12556	13012	456	3.63
808070	MEDICAL AND DENTAL LABORATORIES	139	145	6	4.32
808080	OUTPATIENT CARE FACILITIES	369	436	67	18.16
808090	HEALTH AND ALLIED SERVICES, N.E.C.	216	411	195	90.28
808110	LEGAL SERVICES, TOTAL	1708	1938	230	13.47
808200	EDUCATIONAL SERVICES, TOTAL	27639	28695	1056	3.82
808320	INDIVIDUAL AND FAMILY SOCIAL SERVICES	419	458	39	9.31
808330	JOB TRAINING AND VOCATIONAL REHAB SERVICES	996	1168	172	17.27
808350	CHILD DAY CARE SERVICES	706	980	274	38.81
808360	RESIDENTIAL CARE	935	997	62	6.63
808390	SOCIAL SERVICES, N.E.C.	1054	1249	195	18.50
808410	MUSEUMS AND ART GALLERIES	78	129	51	65.38
808610	BUSINESS ASSOCIATIONS	424	462	38	8.96
808620	PROFESSIONAL MEMBERSHIP ORGANIZATIONS	111	130	19	17.12
808630	LABOR UNIONS & SIMILAR LABOR ORGANIZATIONS	557	561	4	0.72
808640	CIVIC, SOCIAL, AND FRATERNAL ASSOCIATIONS	3260	3315	55	1.69

AREA :	O - MONTANA:	STATEWIDE							
INDUSTRY CODE	INDUSTRY TITLE	1984 ANNUAL AVG EMPLOYMENT	1990 PROJECTED EMPLOYMENT	CHANGE IN EMPLOYMENT	PERCENT CHANGE				
808650	POLITICAL ORGANIZATIONS	60	64	4	6.67				
808660	RELIGIOUS ORGANIZATIONS	1360	1554	194	14.26				
808690	MEMBERSHIP ORGANIZATIONS, N.E.C.	196	208	12	6.12				
808910	ENGINEERING, ARCHITECT., SURVEYING SERVICES	1380	1474	94	6.81				
808920	NONCOMMERCIAL EDUC., SCIENT., RESEARCH ORGAN	318	341	23	7.23				
808930	ACCOUNTING, AUDITING, & BOOKKEEPING SERVICES	1339	1449	110	8.22				
808990	SERVICES, N.E.C.	102	101	-1	-0.98				
909020	STATE GOVERNMENT, EXC. EDUCATION & HOSPITALS	9510	9899	389	4.09				
909030	LOCAL GOVERNMENT, EXC. EDUCATION & HOSPITALS	15719	15994	275	1.75				
909100	FEDERAL GOVERNMENT	10398	10486	88	0.85				

MINING AND CONSTRUCTION (SIC 1)

CODE	*OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
11313002	FINANCIAL MANAGERS	335	325	10-	2-
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	11	11	1	0
11313008	PURCHASING MANAGERS	22	20	2-	0
11313011	MARKETING, ADV., PUB. REL. MGRS	13	14	1	0
11313014	ADMINISTRATIVE SERVICES MANAGER	15	17	2	0
11515017	CONSTRUCTION MANAGERS	583	555	28-	5-
11515021	MINING, QUARRY, OIL DRILL. MGRS	179	172	7-	1-
11919005	GENERAL MANAGERS AND TOP EXEC.	97	102	5	1
11919999	MANAGERS & ADMIN. (NO DETAIL)	87	94	7	1
TOTAL:		1,342	1,311	31-	6-
22021114	ACCOUNTANTS AND AUDITORS	162	168	6	1
22021199	FINANCIAL SPECIALISTS (NO DETAIL)	3	3	0	0
22021308	PURCHASING AGENTS	38	40	2	0
22021511	PERSONNEL, LABOR REL. SPECIALIST	23	26	3	1
22021902	COST ESTIMATORS	265	254	11-	2-
22021908	CONSTRUCTION, BUILDING INSPECTOR	7	7	0	0
22021911	COMPLIANCE OFFICERS & INSPECTORS	10	11	1	0
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	38	41	3	1
22122105	METALLURGISTS & MATERIAL ENGRS	12	20	8	1
22122108	MINING ENGINEERS, INCL. SAFETY	72	101	29	5
22122111	PETROLEUM ENGINEERS	29	33	4	1
22122121	CIVIL ENGINEERS, INCL. TRAFFIC	29	32	3	1
22122126	ELECTRICAL/ELECTRONIC ENGINEERS	30	29	1-	0
22122128	INDUSTRIAL ENGINEERS, EXC. SAFETY	9	9	0	0
22122132	SAFETY ENGINEERS, EXCEPT MINING	4	4	0	0
22122135	MECHANICAL ENGINEERS	30	32	2	0
22122199	ENGINEERS (NO DETAIL)	4	4	0	0
22122301	ARCHITECTS	2	2	0	0
22122309	SURVEYORS	39	46	7	1
22122505	ELECTRICAL & ELECTRONIC TECHNS.	8	9	1	0
22122512	DRAFTERS	64	70	6	1
22122599	ENGINEERING TECHN. (NO DETAIL)	38	33	5-	1-
22224105	CHEMISTS	10	12	2	0
22224111	GEOPHYSICISTS	218	247	29	5
22224199	PHYSICAL SCIENTISTS (NO DETAIL)	11	13	2	0
22224302	FORESTER, CONSERVATION SCIENTIST	13	14	1	0
22224399	LIFE SCIENTISTS (NO DETAIL)	11	12	1	0
22224511	PETROLEUM TECHNICIANS	16	13	3-	1-
22224599	PHYS/LIFE SCI. TECHN. (NO DETAIL)	37	51	14	2
22325102	SYSTEMS ANALYSTS: DATA PROCESSING	3	4	1	0
22325104	COMPUTER PROGRAMMERS & AIDES	20	23	3	1
22528108	LAWYERS	9	10	1	0
22732502	REGISTERED NURSES	1	1	0	0
22834038	DESIGNERS	2	2	0	0
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	33	28	5-	1-
TOTAL:		1,300	1,404	104	16
33949999	SALES & RELATED OCC. (NO DETAIL)	209	188	21-	4-
TOTAL:		209	188	21-	4-
44555101	SECRETARIES	584	600	16	3

MINING AND CONSTRUCTION (SIC 1)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
44555305	RECEPTIONISTS, INFORMATION CLERKS	39	36	3-	1-
44555307	TYPISTS	38	38	0	0
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	7	8	1	0
44555321	FILE CLERKS	9	10	1	0
44555326	PROCUREMENT CLERKS	3	3	0	0
44555338	BOOKKEEPING & ACCOUNTING CLERKS	526	503	23-	4-
44555341	PAYROLL AND TIMEKEEPING CLERKS	97	98	1	0
44555344	BILLING, COST AND RATE CLERKS	14	15	1	0
44555347	GENERAL OFFICE CLERKS	522	486	36-	6-
44656002	CALCULATING MACHINE OPERATORS	4	4	0	0
44656011	COMPUTER OPERATORS, EXC. PERIPH.	8	7	1-	0
44656017	DATA ENTRY KEYERS, EXC. COMPOSING	9	11	2	0
44757102	SWITCHBOARD OPERATORS	8	10	2	0
44858005	DISPATCHERS, OTHER	9	7	2-	0
44858008	PRODUCTION, EXPEDITING CLERKS	10	11	1	0
44858017	WEIGHERS, MEASURERS, CHECKERS	21	26	5	1
44858023	STOCK CLERKS	69	72	3	1
44858099	MATERIAL WORKERS (NO DETAIL)	2	2	0	0
44959999	CLERICAL & SUPPORT (NO DETAIL)	77	74	3-	1-
TOTAL:		2,056	2,021	35-	7-
55363044	CROSSING GUARDS	17	16	1-	0
55363047	GUARDS AND WATCH GUARDS	47	63	16	3
55363099	PROTECTIVE SERVICE (NO DETAIL)	8	8	0	0
5565099	FOOD SERVICE WORKERS (NO DETAIL)	22	18	4-	1-
55767001	JANITOR, PORTER, CLEANER, MAID	71	71	2	0
55969999	SERVICE WORKERS (NO DETAIL)	17	15	2-	0
TOTAL:		182	193	11	2
66979014	GARDENERS & GROUNDSKEEPERS	10	10	0	0
TOTAL:		10	10	0	0
77081001	BLUE-COLLAR WORKERS SUPERVISORS	916	900	16-	3-
77183002	PRECISION INSPECTORS, GRADERS	3	3	0	0
77183004	PRODUCTION INSPECTORS, GRADERS	27	26	1-	0
77285117	MACHINERY MECH.: UNDERGROUND MINE	2	3	1	0
77285119	ALL OTHER MACHINERY MECHANICS	317	326	9	2
77285123	MILLWRIGHTS	68	69	1	0
77285128	MACHINERY MAINTENANCE WORKERS	96	106	10	2
77285132	MAINTENANCE REPAIRERS, GENERAL	332	367	35	6
77285301	AUTO AND MOTORCYCLE MECHANICS	17	16	1-	0
77285311	BUS, TRUCK, HEAVY EQUIP MECHANIC	137	152	15	3
77285314	HEAVY EQUIPMENT MECHANICS	284	290	6	1
77285702	TELEPHONE, CABLE TV INSTALLERS	38	37	1-	0
77285709	HOME APPLIANCE, TOOLS REPAIRERS	10	10	0	0
77285723	ELECTRICAL POWERLINE INSTALLERS	102	97	5-	1-
77285799	ALL OTHER ELECTRICAL MECHANICS	17	16	1-	0
77285902	HEATING, A.C., REFRIGERATION MECH.	173	169	4-	1-
77285928	MECHANICAL CONTROL INSTALLERS	3	2	1-	0
77285935	RIGGERS	13	13	0	0
77285999	MECHANICS, INSTALLERS(NO DETAIL)	36	36	0	0
77387105	CEILING TILE INSTALLERS	21	19	2-	0

MINING AND CONSTRUCTION (SIC 1)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
77387108	DRYWALL INSTALLERS	72	68	4-	1-
77387110	CARPENTERS	2,152	1,996	156-	26-
77387111	TAPERS	48	45	3	1-
77387202	ELECTRICIANS	755	746	9-	2-
77387302	BRICK MASONS	92	87	5-	1-
77387305	STONE MASONS	30	28	2-	0
77387308	HARD TILE SETTERS	4	4	0	0
77387311	CONCRETE AND TERRAZZO FINISHERS	310	298	12-	2-
77387314	REINFORCING METAL WORKERS	96	92	4-	1-
77387317	PLASTERERS AND STUCCO MASONS	48	41	7-	1-
77387402	PAINTERS AND PAPERHANGERS	179	166	13-	2-
77387502	PLUMBER, PIPEFITTER, STEAMFITTER	431	424	7-	1-
77387505	PIPELAYING FITTERS	4	4	0	0
77387508	PIPELAYERS	87	83	4-	1-
77387702	AIR HAMMER OPERATORS	44	42	2-	0
77387802	INSULATION WORKERS	106	102	4-	1-
77387808	ROOFERS	169	157	12-	2-
77387811	GLAZIERS	28	28	0	0
77387814	STRUCTURAL METAL WORKERS	162	154	8-	1
77387817	FENCE ERECTORS	92	92	0	0
77387899	CONSTRUCTION WORKERS (NO DETAIL)	135	132	3-	1-
77387905	BLASTERS AND EXPLOSIVES WORKERS	151	152	1	0
77387911	ROTARY DRILL OPERATORS	438	410	28-	5-
77387914	DERRICK OPERATORS, OIL & GAS	130	104	26-	4-
77387917	SERVICE UNIT OPERATORS	444	357	87-	15-
77387921	ROUSTABOUTS	839	670	169	28-
77387923	ROOF BOLTERS	33	49	16	3
77387943	MINE CUTTING MACHINE OPERATORS	134	173	39	7
77387999	EXTRACTIVE WORKERS (NO DETAIL)	98	86	12-	2
77489108	MACHINISTS	7	13	6	1
77489132	SHEET METAL WORKERS	194	188	6-	1
77489135	BOILERMAKERS	9	9	0	0
77489311	CABINETMAKERS & BENCH CARPENTERS	23	22	1-	0
77489999	PRECISION PRODUCTION (NO DETAIL)	1	1	0	0
77591714	STRUCTURAL METAL FABRICATORS	30	28	2-	0
77592308	SAWING MACHINE OPERATOR/TENDER	1	1	0	0
77592923	FURNACE, KILN, OVEN, KETTLE OPER.	26	31	5	1
77592926	LOW PRESSURE BOILER OPERATOR	23	25	2	0
77592962	SEPARATING, FILTERING MACH. OP.	18	28	10	2
77592965	CRUSHING & MIXING MACHINE OPER.	211	270	59	10
77592998	MACHINE OPERATORS (NO DETAIL)	1	1	0	0
77693914	WELDERS AND CUTTERS	188	182	6-	1-
77693999	ASSEMBLERS, HAND WORK. (NO DETAIL)	4	4	0	0
77795014	PETROLEUM REFINERY OPERATORS	3	3	0	0
77795099	PLANT AND SYSTEM OCC. (NO DETAIL)	14	13	1-	0
77897101	TRUCK DRIVERS	732	717	15-	3
77897702	AIRCRAFT PILOTS, FLIGHT ENGINEERS	8	6	2-	0
77897899	ALL OTHER TRANSPORTATION	4	4	0	0
77897905	TANK CAR AND TRUCK LOADERS	3	2	1-	0
77897908	OIL PUMPS, EXCEPT WELL HEAD	88	75	13-	2-
77897911	WELL HEAD PUMPS	203	172	31-	5-
77897932	UNDERGROUND LOADING MACH. OPER.	327	335	8	1
77897938	GRADER, DOZER, SCRAPER OPER.	376	375	1-	0
77897940	HOIST, WINCH, CRANE OPERATORS	114	106	8-	1-
77897947	INDUSTRIAL TRUCK/TRACTOR OPER.	79	91	12	2

MINING AND CONSTRUCTION (SIC 1)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
77897951	CONVEYOR OPERATORS AND TENDERS	29	32	3	1
77897956	OPERATING ENGINEERS	579	540	39-	7-
77897989	MATERIAL MOVING OPER. (NO DETAIL)	108	123	15	3
77998301	HELPERS: CONSTRUCTION	1,215	1,113	102-	17-
77998323	HELPERS: EXTRACTIVE WORKERS	27	25	2-	0
77998799	HAND MATERIAL MOVERS (NO DETAIL)	84	88	4	1
77998999	HAND LABORERS (NO DETAIL)	480	469	11-	2-
TOTAL:		15,132	14,539	593-	96-
GRAND TOTAL:		20,231	19,666	565-	95-

MANUFACTURING (SIC 2 & 3)

1984 1990 1984-1990
GROWTH AVE. ANNUAL
GROWTH

CODE **OCCUPATION**

11313002 FINANCIAL MANAGERS
11313005 PERSONNEL, TRAINING, LABOR REL. MGR
11313008 PURCHASING MANAGERS
11313011 MARKETING, ADV., PUB. REL. MGRS
11313014 ADMINISTRATIVE SERVICES MANAGERS
11515014 INDUSTRIAL PRODUCTION MANAGERS
11515021 MINING, QUARRY, OIL DRILL, MGRS
11919005 GENERAL MANAGERS AND TOP EXEC.
11919999 MANAGERS & ADMIN. (NO DETAIL)

TOTAL:

1,015 1,043 28 5

22021114 ACCOUNTANTS AND AUDITORS
22021199 FINANCIAL SPECIALISTS (NO DETAIL)
22021302 WHOLESALE AND RETAIL BUYERS
22021308 PURCHASING AGENTS
22021511 PERSONNEL, LABOR REL. SPECIALIST
22021902 COST ESTIMATORS
22021999 ALL OTHER MANAGEMENT SUPPORT OCC
22122105 METALLURGISTS & MATERIAL ENGRS
22122114 CHEMICAL ENGINEERS
22122126 ELECTRICAL/ELECTRONIC ENGINEERS
22122128 INDUSTRIAL ENGINEERS, EXC. SAFETY
22122132 SAFETY ENGINEERS, EXCEPT MINING
22122135 MECHANICAL ENGINEERS
22122199 ENGINEERS (NO DETAIL)
22122309 SURVEYORS
22122505 ELECTRICAL & ELECTRONIC TECHNS.
22122512 DRAFTERS
22122599 ENGINEERING TECHN. (NO DETAIL)
22224105 CHEMISTS
22224199 PHYSICAL SCIENTISTS (NO DETAIL)
22224302 FORESTER, CONSERVATION SCIENTIST
22224305 AGRICULTURAL & FOOD SCIENTISTS
22224308 BIOLOGICAL SCIENTISTS
22224511 PETROLEUM TECHNICIANS
22224599 PHYS/LIFE SCI. TECHN. (NO DETAIL)
22325102 SYSTEMS ANALYSTS: DATA PROCESSING
22325104 COMPUTER PROGRAMMERS & AIDES
22325111 PROGRAMMERS: TOOL, NUMERICAL
22528108 LAWYERS
22631502 LIBRARIANS, PROFESSIONAL
22732999 OTHER HEALTH PROFESSIONALS, TECHN
22834001 WRITERS, AUTHORS, AND EDITORS
22834008 PUBLIC RELATIONS SPECIALISTS
22834011 REPORTERS AND CORRESPONDENTS
22834023 PHOTOGRAPHERS
22834035 ARTISTS AND RELATED WORKERS
22834038 DESIGNERS
22939999 PROFESSIONAL/TECHN. (NO DETAIL)

TOTAL:

1,273 1,296 23 3

33343099 SERVICE SALES OCC. (NO DETAIL)
33949011 SALES PERSONS: RETAIL

84 85
35 32
1 1
3- 1-

MANUFACTURING (SIC 2 & 3)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
33949023	CASHIERS	56	53	3-	1-
33949999	SALES & RELATED OCC. (NO DETAIL)	646	676	30	5
TOTAL:		821	846	25	3
44353902	LIBRARY ASSISTANTS, BOOKMOBILE	1	1	0	0
44353908	ADVERTISING CLERKS	47	48	1	0
44353911	PROOFREADERS AND COPY MARKERS	32	33	1	0
44555101	SECRETARIES	332	352	20	3
44555302	STENOGRAPHERS	1	1	0	0
44555305	RECEPTIONISTS, INFORMATION CLERKS	7	7	0	0
44555307	TYPISTS	56	63	7	1
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	13	12	1-	0
44555321	FILE CLERKS	4	4	0	0
44555323	ORDER CLERKS: MATERIALS, SERVICE	29	31	2	0
44555326	PROCUREMENT CLERKS	9	8	1-	0
44555328	STATISTICAL CLERKS	3	2	1-	0
44555338	BOOKKEEPING & ACCOUNTING CLERKS	387	392	5	1
44555341	PAYROLL AND TIMEKEEPING CLERKS	25	23	2-	0
44555344	BILLING, COST AND RATE CLERKS	28	26	2-	0
44555347	GENERAL OFFICE CLERKS	419	435	16	3
44556002	CALCULATING MACHINE OPERATORS	5	5	0	0
44556005	DUPPLICATING MACHINE OPERATORS	1	1	0	0
44556011	COMPUTER OPERATORS, EXC. PERIPH.	13	12	1-	0
44556017	DATA ENTRY KEYERS, EXC. COMPOSING	40	31	9-	2-
44556021	DATA ENTRY KEYERS, COMPOSING	43	45	2	0
44556099	OFFICE MACH. OPERATOR (NO DETAIL)	53	59	6	1
44757102	SWITCHBOARD OPERATORS	25	24	1-	0
44757302	MAIL CLERKS, EXC. MAIL MACHINE	7	7	0	0
44757311	MESSENGERS	6	6	0	0
44858005	DISPATCHERS, OTHER	16	16	0	0
44858008	PRODUCTION, EXPEDITING CLERKS	51	50	1-	0
44858017	WEIGHERS, MEASURERS, CHECKERS	22	20	2-	0
44858023	STOCK CLERKS	82	95	13	2
44858026	SALES ORDER FILLERS	1	1	0	0
44858028	TRAFFIC, SHIPPING CLERKS	191	187	4-	1-
44858099	MATERIAL WORKERS (NO DETAIL)	2	1	1-	0
44959999	CLERICAL & SUPPORT (NO DETAIL)	43	40	3-	1-
TOTAL:		1,994	2,038	44	7
55363047	GUARDS AND WATCH GUARDS	114	104	10-	2-
55565099	FOOD SERVICE WORKERS (NO DETAIL)	4	4	0	0
55767001	JANITOR, PORTER, CLEANER, MAID	231	218	13-	2-
55969999	SERVICE WORKERS (NO DETAIL)	9	8	1-	0
TOTAL:		358	334	24-	4-
66272001	FARM, FORESTRY SUPERVISORS	78	71	7-	1-
66373002	FALLERS AND BUCKERS	625	532	93-	16-
66373005	CHOKE SETTERS	223	190	33-	6-
66373008	LOG HANDLING EQUIPMENT OPERATORS	268	238	30-	5-
66373011	LOGGING TRACTOR OPERATORS	603	513	90-	15-
66373099	ALL OTHER TIMBER CUTTING WORKERS	12	10	2-	0
66979008	LOG GRADERS AND SCALERS	58	53	5-	1-

MANUFACTURING (SIC 2 & 3)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
66979011	GRADERS & SORTERS: AGRICULTURAL	16	12	4-	1-
66979014	GARDENERS & GROUNDSKEEPERS	1	1	0	0
66979999	AGRIC., FOREST, FISH.(NO DETAIL)	4	4	0	0
TOTAL:					
77081001	BLUE-COLLAR WORKERS SUPERVISORS	1,888	1,624	264-	45
77183002	PRECISION INSPECTORS, GRADERS	996	964	32-	5-
77183004	PRODUCTION INSPECTORS, GRADERS	41	41	0	0
77285113	MACHINERY MECHANICS: SEWING MACH	252	232	20-	3-
77285119	ALL OTHER MACHINERY MECHANICS	6	6	0	0
77285123	MILLWRIGHTS	280	280	0	0
77285128	MACHINERY MAINTENANCE WORKERS	246	225	21-	4-
77285132	MAINTENANCE REPAIRERS, GENERAL	277	254	23-	4-
77285301	AUTO AND MOTORCYCLE MECHANICS	548	510	38-	6-
77285311	BUS, TRUCK, HEAVY EQUIP MECHANIC	66	57	9-	2-
77285314	HEAVY EQUIPMENT MECHANICS	28	30	2	0
77285905	PRECISION INSTRUMENT REPAIRERS	69	62	7-	1-
77285947	COIN & VENDING MACHINE SERVICERS	46	43	3-	1-
77285999	MECHANICS, INSTALLERS(NO DETAIL)	32	33	1	0
77387110	CARPENTERS	55	51	4-	1-
77387202	ELECTRICIANS	364	375	11	2
77387302	BRICK MASONS	221	201	20-	3-
77387311	CONCRETE AND TERRAZZO FINISHERS	19	14	5-	1-
77387402	PAINTERS AND PAPERHANGERS	28	28	0	0
77387502	PLUMBER, PIPEFITTER, STEAMFITTER	23	21	2-	0
77387899	CONSTRUCTION WORKERS (NO-DETAIL)	78	70	8-	1-
77387999	EXTRACTIVE WORKERS (NO DETAIL)	53	47	6-	1-
77489102	TOOL AND DIE MAKERS	2	2	0	0
77489105	PRECISION INSTRUMENT MAKERS	3	4	1	0
77489108	MACHINISTS	3	4	1	0
77489114	PATTERN AND MODEL MAKERS: METAL	226	273	47	8
77489117	PRECISION LAYOUT WORKERS: METAL	17	18	1	0
77489123	JEWELERS AND SILVERSMITHS	3	4	1	0
77489132	SHEET METAL WORKERS	19	24	5	1
77489135	BOILERMAKERS	45	46	1	0
77489308	WOOD MACHINISTS	19	18	1-	0
77489311	CABINETMAKERS & BENCH CARPENTERS	41	37	4-	1-
77489502	FABRIC AND APPAREL PATTERNMAKERS	77	72	5-	1-
77489508	UPHOLSTERERS	6	6	0	0
77489511	SHOE & LEATHER, PRECISION	55	73	18	3
77489702	PRECISION TYPESETTERS	2	2	0	0
77489708	PRECISION LITHOGRAPHERS	46	43	3-	1-
77489711	BOOKBINDERS	51	72	21	4
77489799	ALL OTHER PRECISION PRINTING	40	45	5	1
77489801	BUTCHER, MEATCUTTER, SLAUGHTERER	31	33	2	0
77489805	BAKERS: MANUFACTURING	186	114	72-	12-
77489808	FOOD BATCHMAKERS	39	36	3-	1-
77489899	OTHER PRECISION FOOD,TOBACCO	27	24	3-	1-
77489902	PRECISION FOUNDRY MOLD/CORE	15	15	0	0
77489905	PRECISION MOLDERS, SHAPERS	9	10	1	0
77489908	PRECISION PATTERN, MODELMAKERS	27	27	0	0
77489911	PRECISION DETAIL DESIGN	7	8	1	0
77489914	PRECISION PHOTOGRAPHIC PROCESS	17	27	10	2
77489999	PRECISION PRODUCTION (NO DETAIL)	3	3	0	0
		51	54	3	1

MANUFACTURING (SIC 2 & 3)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
77591102	SAWING MACH. TOOL SETTER/DP., M/P	2	3	1	0
77591105	LATHE, TURNING MACH. SETTER/OP, M/P	8	10	2	0
77591114	GRINDING, BUFFING MACH. SET/OP, M/P	21	22	1	0
77591117	MACHINE TOOL CUTTING OPER., M/P	21	26	5	1
77591305	PRESS., BRAKE MACH. SETTER/OP., M/P	1	1	0	0
77591311	EXTRUDING MACH. SETTER/OPER., M/P	1	1	0	0
77591321	MACHINE FORMING OPERATORS, M/P	8	10	2	0
77591502	NUMERICAL CONTROL MACH. TOOL, M/P	5	6	1	0
77591505	COMBINATION MACH. TOOL SET/OP, M/P	3	3	0	0
77591508	COMBINATION MACH. TOOL OPER., M/P	12	12	0	0
77591714	STRUCTURAL METAL FABRICATORS	303	341	38	6
77591905	PLASTIC MOLDING, CASTING OPER.	15	23	8	1
77591908	METAL MOLDING, CASTING SETTER/OP.	12	13	1	0
77591921	ELECTROLYTIC PLATING OPER., M/P	15	21	6	1
77591935	FURNACE OPERATORS AND TENDERS	25	18	7-	1-
77592198	OTHER METAL/PLASTIC MACH. OPER.	35	37	2	0
77592302	SAWING MACHINE SETTER/OPERATOR	37	33	4-	1-
77592305	HEAD SAWYERS	76	72	4-	1-
77592308	SAWING MACHINE OPERATOR/TENDER	665	603	62-	10-
77592311	WOODWORKING MACHINE SETTER/OPER.	98	88	10-	2-
77592314	WOODWORKING MACHINE OPERATORS	166	164	2-	0
77592512	OFFSET LITHOGRAPHIC PRESS SETTER	104	111	7	1
77592515	LETTERPRESS SETTER/OPERATOR	23	24	1	0
77592519	ALL OTHER PRINTING PRESS SET/OP.	7	7	0	0
77592521	PHOTOENGRAVING PHOTOGRAPHERS	23	26	3	1
77592525	BINDERY MACHINE SETTER/OPERATOR	48	56	8	1
77592541	TYPESETTING MACH. OPERATOR/TEND.	78	85	7	1
77592543	PRINTING PRESS MACHINE OPERATOR	125	136	11	2
77592545	PHOTOENGRAVING MACHINE OPERATOR	6	7	1	0
77592546	BINDERY MACHINE OPERATOR	58	64	6	1
77592599	OTHER PRINTING MACHINE OPERATORS	6	7	1	0
77592705	TEXTILE MACHINE OPERATORS	3	3	0	0
77592717	SEWING MACH. OPERATOR: GARMENT	54	55	1	0
77592721	SEWING MACH. OPER.: NON-GARMENT	67	78	11	2
77592723	SHOE SEWING MACHINE OPERATOR	2	2	0	0
77592728	PRESSING MACH. OPERATOR: TEXTILES	1	1	0	0
77592914	PAPER GOODS MACHINE SETTER/OPER.	10	11	1	0
77592917	COOKING MACHINE OPER., FOOD/TOB.	14	15	1	0
77592921	ROASTING, DRYING OPER., FOOD/TOB.	21	19	2-	0
77592923	FURNACE, KILN, OVEN, KETTLE OPER.	137	124	13-	2-
77592926	LOW PRESSURE BOILER OPERATOR	81	74	7-	1-
77592932	DAIRY PROCESSING EQUIP. OPERATOR	35	28	7-	1-
77592935	CHEMICAL EQUIP. CONTROLLER/OPER.	72	78	6	1
77592938	CHEMICAL EQUIPMENT TENDER	38	36	2-	0
77592944	CUTTING & SLICING MACHINE OPER.	61	62	1	0
77592953	COATING, PAINTING MACH. OPER.	80	85	5	1
77592956	CEMENTING, GLUING MACHINE OPER.	147	135	12-	2-
77592962	SEPARATING, FILTERING MACH. OP.	18	18	0	0
77592965	CRUSHING & MIXING MACHINE OPER.	194	155	39-	7-
77592971	EXTRUDING, FORMING OPERATOR	87	77	10-	2-
77592974	PACKAGING, FILLING MACHINE OPER.	289	263	26-	4-
77592997	ALL OTHER MACHINERY SETTERS/OPER.	206	212	6	1
77693105	MACHINE BUILDERS	2	2	0	0
77693108	PRECISION STRUCT. METAL FITTERS	18	20	2	0

MANUFACTURING (SIC 2 & 3)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
77693111	ELECTROMECHANICAL EQ. ASSEMBLER	3	8	5	1
77693199	PRECISION ASSEMBLERS (NO DETAIL)	50	56	6	1
77693905	ELECTRICAL, ELECTRONIC ASSEMBLER	71	103	32	5
77693908	COIL WINDERS, TAPERS, FINISHERS	3	8	5	1
77693914	WELDERS AND CUTTERS	169	152	17-	3-
77693926	CUTTERS AND TRIMMERS, HAND	7	9	2	0
77693928	PORTABLE MACHINE CUTTERS	2	2	0	0
77693935	CANNERY WORKERS	4	5	1	0
77693938	MEAT, POULTRY, FISH CUTTERS	65	40	25-	4-
77693941	METAL POURERS, BASIC SHAPES	24	18	6-	1-
77693944	MOLDERS AND CASTERS, HAND	3	3	0	0
77693947	PAINTING AND COATING, HAND	10	11	1	0
77693956	ASSEMBLERS AND FABRICATORS	245	321	76	13
77693999	ASSEMBLERS, HAND WORK. (NO DETAIL)	134	189	55	9
77795002	WATER & WASTE TREAT. PLANT OPER.	4	4	0	0
77795008	CHEMICAL PLANT AND SYSTEM OPER.	34	32	2-	0
77795014	PETROLEUM REFINERY OPERATORS	168	157	11-	2-
77795017	GAUGERS	2	2	0	0
77795028	POWER DISTRIBUTORS & DISPATCHERS	12	10	2-	0
77795032	STATIONARY ENGINEERS	58	55	3-	1-
77795099	PLANT AND SYSTEM OCC. (NO DETAIL)	33	31	2-	0
77897101	TRUCK DRIVERS	1,347	1,264	83-	14-
77897308	RAIL YARD ENGINEERS, DINKEY OPER.	15	11	4-	1-
77897317	RAILROAD BRAKE, SIGNAL, SWITCH	13	12	1-	0
77897899	ALL OTHER TRANSPORTATION	4	4	0	0
77897905	TANK CAR AND TRUCK LOADERS	13	12	1-	0
77897938	GRADER, DOZER, SCRAPER OPER.	16	14	2-	0
77897940	HOIST, WINCH, CRANE OPERATORS	72	62	10-	2-
77897947	INDUSTRIAL TRUCK/TRACTOR OPER.	584	540	44-	7-
77897951	CONVEYOR OPERATORS AND TENDERS	185	165	20-	3-
77897956	OPERATING ENGINEERS	64	61	3-	1-
77897989	MATERIAL MOVING OPER. (NO DETAIL)	130	115	15-	3-
77998301	HELPERS: CONSTRUCTION	22	20	2-	0
77998502	MACHINE FEEDERS AND OFFBEARERS	1,224	1,112	112-	19-
77998799	HAND MATERIAL MOVERS (NO DETAIL)	387	355	32-	5-
77998902	HAND PACKERS AND PACKAGERS	255	225	30-	5-
77998905	VEHICLE, EQUIPMENT CLEANERS	10	10	0	0
77998999	HAND LABORERS (NO DETAIL)	1,357	1,208	149-	25-
TOTAL:		15,282	14,671	611-	107-
GRAND TOTAL:		22,631	21,852	779-	138-

TRANSPORTATION & PUBLIC UTILITIES (SIC 4)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
11313002	FINANCIAL MANAGERS	49	52	3	1
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	25	26	1	0
11313008	PURCHASING MANAGERS	15	15	0	0
11313011	MARKETING, ADV., PUB. REL. MGRS	115	120	5	1
11313014	ADMINISTRATIVE SERVICES MANAGER	2	2	0	0
11313017	ENGINEERING, MATH., NAT. SCI. MGR	27	27	0	0
11515002	POSTMASTERS, MAIL SUPERINTENDENT	101	103	2	0
11515023	COMMUNICATION, TRANSP., UTIL. MGRS	461	492	31	5
11919005	GENERAL MANAGERS AND TOP EXEC.	543	502	41-	7-
11919999	MANAGERS & ADMIN. (NO DETAIL)	267	248	19-	3-
	TOTAL:	1,605	1,587	18-	3-
22021114	ACCOUNTANTS AND AUDITORS	145	154	9	2
22021308	PURCHASING AGENTS	7	6	1-	0
22021511	PERSONNEL, LABOR REL. SPECIALIST	31	30	1-	0
22021911	COMPLIANCE OFFICERS & INSPECTORS	15	15	0	0
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	18	19	1	0
22122114	CHEMICAL ENGINEERS	1	1	0	0
22122121	CIVIL ENGINEERS, INCL. TRAFFIC	172	167	5-	1-
22122126	ELECTRICAL/ELECTRONIC ENGINEERS	86	96	10	2
22122128	INDUSTRIAL ENGINEERS, EXC. SAFETY	4	4	0	0
22122135	MECHANICAL ENGINEERS	1	1	0	0
22122199	ENGINEERS (NO DETAIL)	11	10	1-	0
22122309	SURVEYORS	3	3	0	0
22122502	CIVIL ENGINEERING TECHNICIANS	13	13	0	0
22122505	ELECTRICAL & ELECTRONIC TECHN.	110	118	8	1
22122512	DRAFTERS	90	92	2	0
22122599	ENGINEERING TECHN. (NO DETAIL)	19	17	2-	0
2224199	PHYSICAL SCIENTISTS (NO DETAIL)	39	39	0	0
22325102	SYSTEMS ANALYSTS: DATA PROCESSING	29	29	0	0
22325104	COMPUTER PROGRAMMERS & AIDES	43	40	3-	1-
22325312	STATISTICIANS	3	3	0	0
22528108	LAWYERS	7	6	1-	0
22631314	TEACHERS: VOCATIONAL EDUCATION	14	16	2	0
22631317	INSTRUCTORS: NONVOCATIONAL EDUC.	2	2	0	0
22732502	REGISTERED NURSES	1	1	0	0
22732508	EMERGENCY MEDICAL TECHNICIANS	100	109	9	2
22834001	WRITERS, AUTHORS, AND EDITORS	52	57	5	1
22834011	REPORTERS AND CORRESPONDENTS	28	30	2	0
22834014	BROADCAST NEWS ANALYSTS	59	65	6	1
22834017	ANNOUNCERS	436	438	2	0
22834023	PHOTOGRAPHERS	8	8	0	0
22834026	TV & MOTION PIC. CAMERA OPERATOR	33	30	3-	1-
22834028	BROADCAST TECHNICIANS	71	61	10-	2-
22939002	AIR TRAFFIC CONTROLLERS	2	2	0	0
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	81	75	6-	1-
	TOTAL:	1,734	1,757	23	3
33343017	SALES AGENTS: BUSINESS SERVICES	169	173	4	1
33343021	TRAVEL AGENTS	270	354	84	14
33343099	SERVICE SALES OCC. (NO DETAIL)	250	262	12	2
33949023	CASHIERS	411	416	5	1
33949999	SALES & RELATED OCC. (NO DETAIL)	86	86	0	0

TRANSPORTATION & PUBLIC UTILITIES (SIC 4)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
	TOTAL:	1,186	1,291	105	18
44353117	CREDIT CHECKERS	7	7	0	0
44353123	ADJUSTMENT CLERKS	146	134	12-	2-
44353508	BILL AND ACCOUNT COLLECTORS	99	94	5-	1-
44353805	RESERVATION TICKET AGENTS	303	389	86	14
44555101	SECRETARIES	380	418	38	6
44555302	STENOGRAPHERS	62	56	6-	1-
44555305	RECEPTIONISTS, INFORMATION CLERKS	79	79	0	0
44555307	TYPISTS	44	40	4-	1-
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	7	7	0	0
44555321	FILE CLERKS	11	10	1-	0
44555323	ORDER CLERKS: MATERIALS, SERVICE	1	1	0	0
44555328	STATISTICAL CLERKS	39	34	5-	1-
44555335	UTILITIES CUSTOMER SERVICE REPS	233	231	2-	0
44555338	BOOKKEEPING & ACCOUNTING CLERKS	486	496	10	2
44555341	PAYROLL AND TIMEKEEPING CLERKS	58	56	2	0
44555344	BILLING, COST AND RATE CLERKS	266	275	9	2
44555347	GENERAL OFFICE CLERKS	501	492	9-	2-
44656002	CALCULATING MACHINE OPERATORS	84	86	2	0
44656011	COMPUTER OPERATORS, EXC. PERIPH.	43	40	3-	1-
44656014	PERIPHERAL EDP EQUIP. OPERATORS	25	22	3-	1-
44656017	DATA ENTRY KEYERS, EXC. COMPOSING	29	22	7-	1-
44656099	OFFICE MACH. OPERATOR(NO DETAIL)	9	8	1-	0
44757102	SWITCHBOARD OPERATORS	21	20	1-	0
44757105	DIRECTORY ASSISTANCE OPERATORS	31	28	3-	1-
44757108	CENTRAL OFFICE OPERATORS	205	173	32-	5-
44757111	TELEGRAPH AND TELETYPE OPERATORS	46	40	6-	1-
44757305	POSTAL MAIL CARRIERS	847	899	52	9
44757308	POSTAL SERVICE CLERKS	1,109	1,099	10-	2-
44757311	MESSENGERS	1	1	0	0
44858005	DISPATCHERS, OTHER	236	255	19	3
44858008	PRODUCTION, EXPEDITING CLERKS	78	77	1-	0
44858014	METER READERS: UTILITIES	154	155	1	0
44858023	STOCK CLERKS	165	162	3-	1-
44858028	TRAFFIC, SHIPPING CLERKS	92	101	9	2
44858099	MATERIAL WORKERS (NO DETAIL)	168	150	18-	3-
44959999	CLERICAL & SUPPORT (NO DETAIL)	537	498	39-	7-
	TOTAL:	6,602	6,655	53	7
55363044	CROSSING GUARDS	5	4	1-	0
55363047	GUARDS AND WATCH GUARDS	7	8	1	0
55363099	PROTECTIVE SERVICE (NO DETAIL)	17	15	2-	0
55565008	WAITERS AND WAITRESSES	8	7	1-	0
55565026	COOKS: RESTAURANT	1	1	0	0
55565030	COOKS: FAST FOOD & SHORT ORDER	1	1	0	0
55565099	FOOD SERVICE WORKERS (NO DETAIL)	1	1	0	0
55666023	AMBULANCE DRIVER, ATTENDANTS	29	32	3	1
55767001	JANITOR, PORTER, CLEANER, MAID	32	29	3-	1-
55767099	BUILDING SERVICE (NO DETAIL)	135	145	10	2
55868017	GUIDES	2	2	0	0
55868023	BAGGAGE PORTERS AND BELLHOPS	30	5	0	0
55969999	SERVICE WORKERS (NO DETAIL)	3	35	5	1

TRANSPORTATION & PUBLIC UTILITIES (SIC 4)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
	TOTAL:	273	285	12	3
77081001	BLUE-COLLAR WORKERS SUPERVISORS				
77183002	PRECISION INSPECTORS, GRADERS	651	661	10	2
77183004	PRODUCTION INSPECTORS, GRADERS	44	38	6-	1-
77285118	MACHINERY MECHANIC: PLANT	11	12	1	0
77285119	ALL OTHER MACHINERY MECHANICS	16	16	0	0
77285128	MACHINERY MAINTENANCE WORKERS	29	29	0	0
77285132	MAINTENANCE REPAIRERS, GENERAL	1	1	0	0
77285301	AUTO AND MOTORCYCLE MECHANICS	152	168	16	3
77285305	AUTOMOTIVE BODY,RELATED REPAIRER	74	79	5	1
77285311	BUS, TRUCK, HEAVY EQUIP MECHANIC	7	8	1	0
77285314	HEAVY EQUIPMENT MECHANICS	325	345	20	3
77285317	RAIL CAR REPAIRERS	3	3	0	0
77285320	AIRCRAFT MECHANICS	255	222	33-	6-
77285328	SMALL ENGINE SPECIALISTS	86	102	16	3
77285502	CENTRAL OFFICE & PBX INSTALLERS	3	4	1	0
77285505	FRAME WIRERS: CENTRAL OFFICE	270	229	41-	7-
77285511	SIGNAL OR SWITCH MAINTAINERS	19	17	2-	0
77285514	RADIO MECHANICS	79	69	10-	2-
77285599	OTHER COMMUNICATION MECHANICS	27	24	3-	1-
77285702	TELEPHONE, CABLE TV INSTALLERS	21	19	2-	0
77285709	HOME APPLIANCE, TOOLS REPAIRERS	276	268	8-	1-
77285717	INDUSTRIAL ELECTRONICS REPAIRERS	114	115	1	0
77285723	ELECTRICAL POWERLINE INSTALLERS	14	15	1	0
77285726	TELEPHONE STATION INSTALLERS	460	464	4	1
77285799	ALL OTHER ELECTRICAL MECHANICS	248	230	18-	3-
77285902	HEATING,A.C.,REFRIGERATION MECH.	109	110	1	0
77285905	PRECISION INSTRUMENT REPAIRERS	152	153	1	0
77285911	ELECTRIC METER INSTALLERS	14	15	1	0
77285928	MECHANICAL CONTROL INSTALLERS	115	117	2	0
77285953	TIRE REPAIRERS AND CHANGERS	36	36	0	0
77285999	MECHANICS, INSTALLERS(NO DETAIL)	6	7	1	0
77387110	CARPENTERS	55	53	2-	0
77387202	ELECTRICIANS	21	19	2-	0
77387402	PAINTERS AND PAPERHANGERS	84	74	10-	2-
77387502	PLUMBER, PIPEFITTER, STEAMFITTER	11	10	1-	0
77387505	PIPELAYING FITTERS	259	261	2	0
77387508	PIPELAYERS	66	67	1	0
77387714	RAIL-TRACK LAYING EQUIP. OPER.	5	5	0	0
77387899	CONSTRUCTION WORKERS (NO DETAIL)	100	87	13-	2-
77489108	MACHINISTS	7	6	1-	0
77489132	SHEET METAL WORKERS	135	117	18-	3-
77489135	BOILERMAKERS	49	43	6-	1-
77489999	PRECISION PRODUCTION (NO DETAIL)	9	8	1-	0
77592926	LOW PRESSURE BOILER OPERATOR	21	18	3-	1-
77592998	MACHINE OPERATORS (NO DETAIL)	7	7	0	0
77693914	WELDERS AND CUTTERS	21	18	3-	1-
77795002	WATER & WASTE TREAT. PLANT OPER.	96	92	4-	1-
77795017	GAUGERS	42	51	9	2
77795023	AUXILIARY EQUIP. OPER., POWER	5	6	1	0
77795028	POWER DISTRIBUTORS & DISPATCHERS	95	80	15-	3-
77795032	STATIONARY ENGINEERS	8	8	0	0
77795099	PLANT AND SYSTEM OCC.(NO DETAIL)	1	1	0	0
		175	179	4	1

TRANSPORTATION & PUBLIC UTILITIES (SIC 4)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
77897101	TRUCK DRIVERS	3,182	3,463	281	47
77897108	BUS DRIVERS	162	178	16	3
77897111	BUS DRIVERS: SCHOOL	490	619	129	22
77897114	TAXI DRIVERS AND CHAUFFEURS	95	103	8	1
77897302	RAILROAD CONDUCTORS, YARDMASTERS	364	344	20-	3-
77897305	LOCOMOTIVE ENGINEERS	160	157	3-	1-
77897308	RAIL YARD ENGINEERS,DINKEY OPER.	143	140	3-	1-
77897311	LOCOMOTIVE FIRERS	38	22	16-	3-
77897317	RAILROAD BRAKE, SIGNAL, SWITCH	544	494	50-	8-
77897702	AIRCRAFT PILOTS,FLIGHT ENGINEERS	138	138	0	0
77897805	SERVICE STATION ATTENDANTS	7	7	0	0
77897899	ALL OTHER TRANSPORTATION	52	65	13	2
77897940	HOIST, WINCH, CRANE OPERATORS	11	10	1-	0
77897947	INDUSTRIAL TRUCK/TRACTOR OPER.	46	50	4	1
77897956	OPERATING ENGINEERS	67	61	6-	1-
77897989	MATERIAL MOVING OPER.(NO DETAIL)	51	53	2	0
77998301	HELPERS: CONSTRUCTION	26	26	0	0
77998705	REFUSE COLLECTORS	168	183	15	3
77998902	HAND PACKERS AND PACKAGERS	27	31	4	1
77998905	VEHICLE, EQUIPMENT CLEANERS	26	29	3	1
77998999	HAND LABORERS (NO DETAIL)	354	902	52-	9-
TOTAL:		11,640	11,861	221	36
GRAND TOTAL:		23,040	23,436	396	64

WHOLESALE & RETAIL TRADE (SIC 5)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
11313002	FINANCIAL MANAGERS	13	13	0	0
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	9	9	0	0
11313008	PURCHASING MANAGERS	630	680	50	8
11313011	MARKETING, ADV. PUB. REL. MGRS	213	221	8	1
11313014	ADMINISTRATIVE SERVICES MANAGER	6	6	0	0
11515023	COMMUNICATION, TRANSP., UTIL. MGRS	22	23	1	0
11515026	FOOD SERVICE & LODGING MANAGERS	669	775	106	18
11919005	GENERAL MANAGERS AND TOP EXEC.	4,018	4,328	310	52
11919999	MANAGERS & ADMIN. (NO DETAIL)	70	77	7	1
TOTAL:		5,650	6,132	482	80
22021114	ACCOUNTANTS AND AUDITORS	434	465	31	5
22021199	FINANCIAL SPECIALISTS (NO DETAIL)	4	4	0	0
22021302	WHOLESALE AND RETAIL BUYERS	841	897	56	9
22021308	PURCHASING AGENTS	1	1	0	0
22021511	PERSONNEL, LABOR REL. SPECIALIST	19	20	1	0
22021902	COST ESTIMATORS	5	5	0	0
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	32	33	1	0
22122199	ENGINEERS (NO DETAIL)	4	4	0	0
22122505	ELECTRICAL & ELECTRONIC TECHNS.	133	132	1-	0
22122512	DRAFTERS	24	25	1	0
22122599	ENGINEERING TECHN. (NO DETAIL)	2	2	0	0
22325102	SYSTEMS ANALYSTS: DATA PROCESSING	7	8	1	0
22325104	COMPUTER PROGRAMMERS & AIDES	72	82	10	2
22732514	DISPENSING & MEASURING OPTICIANS	94	98	4	1
22732517	PHARMACISTS	320	386	66	11
22732999	OTHER HEALTH PROFESSIONALS, TECHN	35	35	0	0
22834001	WRITERS, AUTHORS, AND EDITORS	1	1	0	0
22834023	PHOTOGRAPHERS	3	3	0	0
22834035	ARTISTS AND RELATED WORKERS	24	29	5	1
22834038	DESIGNERS	193	204	11	2
22834044	MERCHANDISE DISPLAYERS	80	96	16	3
22834051	MUSICIANS, INSTRUMENTAL	55	64	9	2
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	72	80	8	1
TOTAL:		2,455	2,674	219	37
33949011	SALES PERSONS: RETAIL	11,321	12,544	1,223	204
33949017	COUNTER AND RENTAL CLERKS	1,434	1,496	62	10
33949021	STOCK CLERKS: SALES FLOOR	2,811	3,038	227	38
33949023	CASHIERS	5,315	6,328	1,013	169
33949999	SALES & RELATED OCC. (NO DETAIL)	3,500	3,735	235	39
TOTAL:		24,381	27,141	2,760	460
44353114	CREDIT AUTHORIZERS	5	5	0	0
44353123	ADJUSTMENT CLERKS	74	82	8	1
44353508	BILL AND ACCOUNT COLLECTORS	27	29	2	0
44555101	SECRETARIES	926	1,065	139	23
44555302	STENOGRAPHERS	2	2	0	0
44555305	RECEPTIONISTS, INFORMATION CLERKS	96	98	2	0
44555307	TYPISTS	44	44	0	0
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	10	10	0	0
44555321	FILE CLERKS	6	6	0	0

WHOLESALE & RETAIL TRADE (SIC 5)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
44555323	ORDER CLERKS: MATERIALS, SERVICE	251	274	23	4
44555338	BOOKKEEPING & ACCOUNTING CLERKS	2,557	2,737	180	30
44555341	PAYROLL AND TIMEKEEPING CLERKS	14	14	0	0
44555344	BILLING, COST AND RATE CLERKS	202	217	15	3
44555347	GENERAL OFFICE CLERKS	1,207	1,277	70	12
44656002	CALCULATING MACHINE OPERATORS	125	126	1	0
44656011	COMPUTER OPERATORS, EXC. PERIPH.	172	183	11	2
44656017	DATA ENTRY KEYERS, EXC.COMPOSING	137	130	7-	1-
44757102	OFFICE MACH. OPERATOR(NO DETAIL)	2	2	0	0
44757102	SWITCHBOARD OPERATORS	41	39	2-	0
44757302	MAIL CLERKS, EXC. MAIL MACHINE	3	3	0	0
44858005	DISPATCHERS, OTHER	41	43	2	0
44858017	WEIGHERS, MEASURERS, CHECKERS	4	4	0	0
44858023	STOCK CLERKS	1,091	1,166	75	13
44858026	SALES ORDER FILLERS	438	467	29	5
44858028	TRAFFIC, SHIPPING CLERKS	623	663	40	7
44858099	MATERIAL WORKERS (NO DETAIL)	128	141	13	2
44959999	CLERICAL & SUPPORT (NO DETAIL)	920	972	52	9
TOTAL:		9,146	9,799	653	110
55363035	PRIVATE INVESTIGATOR, DETECTIVE	12	14	2	0
55363047	GUARDS AND WATCH GUARDS	91	107	16	3
55565002	HOSTS & HOSTESSES	450	522	72	12
55565005	BARTENDERS	2,176	2,522	346	58
55565008	WAITERS AND WAITRESSES	5,475	6,083	608	101
55565014	DINING ROOM & BARTENDER HELPERS	633	730	97	16
55565021	BAKERS, BREAD AND PASTRY	511	557	46	8
55565026	COOKS: RESTAURANT	2,232	2,584	352	59
55565028	COOKS: INSTITUTION OR CAFETERIA	42	49	7	1
55565030	COOKS: FAST FOOD & SHORT ORDER	2,143	2,373	230	38
55565038	FOOD PREPARATION WORKERS	1,672	1,950	278	46
55565041	COMB. FOOD PREPARATION, SERVICE	3,725	4,634	909	152
55565099	FOOD SERVICE WORKERS (NO DETAIL)	689	798	109	18
55666026	PHARMACY ASSISTANTS	21	25	4	1
55767001	JANITOR, PORTER, CLEANER, MAID	1,305	1,445	140	23
55767099	BUILDING SERVICE (NO DETAIL)	4	4	0	0
55868005	HAIRDRESSERS AND COSMETOLOGISTS	50	56	6	1
55969999	SERVICE WORKERS (NO DETAIL)	617	708	91	15
TOTAL:		21,848	25,161	3,313	552
66979005	NURSERY WORKERS	56	70	14	2
66979011	GRADERS & SORTERS: AGRICULTURAL	5	5	0	0
66979014	GARDENERS & GROUNDSKEEPERS	26	31	5	1
66979999	AGRIC., FOREST, FISH.(NO DETAIL)	129	131	2	0
TOTAL:		216	237	21	3
77081001	BLUE-COLLAR WORKERS SUPERVISORS	490	497	7	1
77183004	PRODUCTION INSPECTORS, GRADERS	11	11	0	0
77285119	ALL OTHER MACHINERY MECHANICS	110	109	1-	0
77285132	MAINTENANCE REPAIRERS, GENERAL	447	477	30	5
77285301	AUTO AND MOTORCYCLE MECHANICS	1,237	1,279	42	7
77285305	AUTOMOTIVE BODY,RELATED REPAIRER	161	159	2-	0

WHOLESALE & RETAIL TRADE (SIC 5)

CODE **OCCUPATION**

77285311 BUS, TRUCK, HEAVY EQUIP MECHANIC
 77285314 HEAVY EQUIPMENT MECHANICS
 77285320 AIRCRAFT MECHANICS
 77285321 FARM EQUIPMENT MECHANICS
 77285328 SMALL ENGINE SPECIALISTS
 77285705 DATA PROCESSING EQUIP. REPAIRERS
 77285708 HOME ENTERTAINMENT EQ. REPAIRERS
 77285709 HOME APPLIANCE, TOOLS REPAIRERS
 77285799 ALL OTHER ELECTRICAL MECHANICS
 77285902 HEATING,A.C.,REFRIGERATION MECH.
 77285917 WATCHMAKERS
 77285921 MUSICAL INSTRUMENT REPAIRERS
 77285926 OFFICE MACHINE SERVICER
 77285938 INSTALLERS: MANUFACTURED BLDGS.
 77285947 COIN & VENDING MACHINE SERVICERS
 77285951 BICYCLE REPAIRERS
 77285953 TIRE REPAIRERS AND CHANGERS
 77285999 MECHANICS, INSTALLERS(NO DETAIL)
 77387110 CARPENTERS
 77387402 PAINTERS AND PAPERHANGERS
 77387602 CARPET INSTALLERS
 77387811 GLAZIERS
 77387817 FENCE ERECTORS
 77387899 CONSTRUCTION WORKERS (NO DETAIL)
 77489108 MACHINISTS
 77489123 JEWELERS AND SILVERSMITHS
 77489308 WOOD MACHINISTS
 77489311 CABINETMAKERS & BENCH CARPENTERS
 77489314 FURNITURE FINISHERS
 77489505 CUSTOM TAILORS AND SEWERS
 77489508 UPHOLSTERERS
 77489801 BUTCHER, MEATCUTTER, SLAUGHTERER
 77489999 PRECISION PRODUCTION (NO DETAIL)
 77592721 SEWING MACH. OPER.: NON-GARMENT
 77592947 PAINTERS: TRANSPORTATION EQUIP.
 77592974 PACKAGING, FILLING MACHINE OPER.
 77592998 MACHINE OPERATORS (NO DETAIL)
 77693914 WELDERS AND CUTTERS
 77693956 ASSEMBLERS AND FABRICATORS
 77693999 ASSEMBLERS,HAND WORK.(NO DETAIL)
 77897101 TRUCK DRIVERS
 77897805 SERVICE STATION ATTENDANTS
 77897899 ALL OTHER TRANSPORTATION
 77897947 INDUSTRIAL TRUCK/TRACTOR OPER.
 77897951 CONVEYOR OPERATORS AND TENDERS
 77897989 MATERIAL MOVING OPER.(NO DETAIL)
 77998799 HAND MATERIAL MOVERS (NO DETAIL)
 77998902 HAND PACKERS AND PACKAGERS
 77998905 VEHICLE, EQUIPMENT CLEANERS
 77998999 HAND LABORERS (NO DETAIL)

	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
---	---	---	---	---
369	364	5-	1-	
164	147	17-	3-	
14	14	0	0	
322	310	12-	2-	
81	88	7	1	
11	15	4	1	
104	112	8	1	
171	184	13	2	
31	33	2	0	
79	83	4	1	
11	11	0	0	
23	25	2	0	
214	262	48	8	
115	127	12	2	
12	13	1	0	
22	24	2	0	
412	456	44	7	
180	190	10	2	
65	72	7	1	
4	4	0	0	
52	56	4	1	
134	147	13	2	
12	13	1	0	
52	57	5	1	
125	129	4	1	
53	60	7	1	
19	20	1	0	
94	101	7	1	
14	15	1	0	
80	88	8	1	
9	8	1-	0	
560	581	21	4	
94	95	1	0	
34	36	2	0	
13	13	0	0	
16	18	2	0	
111	123	12	2	
174	183	9	2	
91	98	7	1	
6	6	0	0	
2,557	2,706	149	25	
878	890	12	2	
19	19	0	0	
109	118	9	2	
71	74	3	1	
3	3	0	0	
911	938	27	5	
254	271	17	3	
251	254	3	1	
450	461	11	2	
12,106	12,647	541	91	
75,802	83,791	7,989	1,333	
TOTAL:				
GRAND TOTAL:				

FINANCE, INSURANCE & REAL ESTATE (SIC 6)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
11313002	FINANCIAL MANAGERS	939	974	35	6
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	24	24	0	0
11313008	PURCHASING MANAGERS	8	8	0	0
11313011	MARKETING, ADV., PUB. REL. MGRS	25	25	0	0
11313014	ADMINISTRATIVE SERVICES MANAGER	7	8	1	0
11515011	PROPERTY, REAL ESTATE MANAGEMENT	2	2	0	0
11515026	FOOD SERVICE & LODGING MANAGERS	102	108	6	1
11919005	GENERAL MANAGERS AND TOP EXEC.	54	55	1	0
11919999	MANAGERS & ADMIN. (NO DETAIL)	75	80	5	1

TOTAL:

1,236 1,284 48

22021102	UNDERWRITERS	168	175	7	1
22021114	ACCOUNTANTS AND AUDITORS	242	260	18	3
22021199	FINANCIAL SPECIALISTS(NO DETAIL)	79	83	4	1
22021308	PURCHASING AGENTS	2	2	0	0
22021505	SPECIAL AGENTS, INSURANCE	132	139	7	1
22021511	PERSONNEL, LABOR REL. SPECIALIST	14	15	1	0
22021908	CONSTRUCTION, BUILDING INSPECTOR	2	2	0	0
22021921	CLAIMS EXAMINERS: INSURANCE	41	39	2-	0
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	708	718	10	2
22122132	SAFETY ENGINEERS, EXCEPT MINING	7	6	1-	0
22122512	DRAFTERS	2	2	0	0
22122599	ENGINEERING TECHN. (NO DETAIL)	2	3	1	0
22325102	SYSTEMS ANALYSTS:DATA PROCESSING	41	49	8	1
22325104	COMPUTER PROGRAMMERS & AIDES	54	59	5	1
22325312	STATISTICIANS	3	3	0	0
22325313	ACTUARIES	1	1	0	0
22325319	ALL OTHER MATH. SCIENTISTS	1	1	0	0
22427102	ECONOMISTS, MARKET ANALYSTS	3	3	0	0
22528108	LAWYERS	3	3	0	0
22528306	TITLE EXAMINERS AND CLERKS	200	209	9	2
22528399	LEGAL OCCUPATIONS (NO DETAIL)	6	6	0	0
22732999	OTHER HEALTH PROFESSIONALS,TECHN	12	13	1	0
22834008	PUBLIC RELATIONS SPECIALISTS	46	46	0	0
22834023	PHOTOGRAPHERS	3	4	1	0
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	11	14	3	1

TOTAL:

1,783 1,855 72 13

33343002	SALES AGENTS: INSURANCE	724	781	57	10
33343005	BROKERS: REAL ESTATE	96	102	6	1
33343008	SALES AGENTS: REAL ESTATE	93	110	17	3
33343011	APPRAISERS: REAL ESTATE	63	67	4	1
33343014	SALES AGENTS: FINANCIAL SERVICES	332	411	79	13
33343017	SALES AGENTS: BUSINESS SERVICES	1	1	0	0
33343099	SERVICE SALES OCC. (NO DETAIL)	14	15	1	0
33949023	CASHIERS	52	61	9	2
33949999	SALES & RELATED OCC. (NO DETAIL)	276	307	31	5

TOTAL:

1,651 1,855 204 35

44353102	TELLERS	1,551	1,562	11	2
44353105	NEW ACCOUNTS CLERKS	297	296	1-	0
44353108	TRANSIT CLERKS	86	82	4-	1-

FINANCE, INSURANCE & REAL ESTATE (SIC 6)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
44353114	CREDIT AUTHORIZERS	5	5	0	0
44353117	CREDIT CHECKERS	37	38	1	0
44353121	LOAN AND CREDIT CLERKS	546	577	31	5
44353123	ADJUSTMENT CLERKS	169	172	3	1
44353126	STATEMENT CLERKS	28	33	5	1
44353128	BROKERAGE CLERKS	222	240	18	3
44353302	INSURANCE ADJUSTERS/INVESTIGATOR	4	5	1	0
44353305	INSURANCE APPRAISERS: AUTO	9	9	0	0
44353308	INSURANCE EXAMINING CLERKS	118	129	11	2
44353311	INSURANCE CLAIMS CLERKS	366	404	38	6
44353314	INSURANCE POLICY PROCESS. CLERKS	28	28	0	0
44353508	BILL AND ACCOUNT COLLECTORS	60	70	10	2
44353914	REAL ESTATE CLERKS	892	982	90	15
44555101	SECRETARIES	31	30	1-	0
44555302	STENOGRAPHERS	222	252	30	5
44555305	RECEPTIONISTS.INFORMATION CLERKS	208	220	12	2
44555307	TYPISTS	13	12	1-	0
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	98	103	5	1
44555321	FILE CLERKS	7	8	1	0
44555328	STATISTICAL CLERKS	736	771	35	6
44555338	BOOKKEEPING & ACCOUNTING CLERKS	45	44	1-	0
44555341	PAYROLL AND TIMEKEEPING CLERKS	35	37	2	0
44555344	BILLING, COST AND RATE CLERKS	672	674	2	0
44555347	GENERAL OFFICE CLERKS	62	60	2-	0
44656002	CALCULATING MACHINE OPERATORS	4	4	0	0
44656005	DUPPLICATING MACHINE OPERATORS	126	157	31	5
44656011	COMPUTER OPERATORS, EXC. PERIPH.	38	38	0	0
44656014	PERIPHERAL EDP EQUIP. OPERATORS	115	103	12-	2-
44656017	DATA ENTRY KEYERS, EXC.COMPOSING	13	13	0	0
44656099	OFFICE MACH. OPERATOR(NO DETAIL)	89	90	1	0
44757102	SWITCHBOARD OPERATORS	22	21	1-	0
44757302	MAIL CLERKS, EXC. MAIL MACHINE	30	29	1-	0
44757311	MESSENGERS	7	7	0	0
44858023	STOCK CLERKS	163	169	6	1
44959999	CLERICAL & SUPPORT (NO DETAIL)	7,194	7,517	323	55
TOTAL:		7,194	7,517	323	55
55363047	GUARDS AND WATCH GUARDS	68	79	11	2
55565099	FOOD SERVICE WORKERS (NO DETAIL)	246	261	15	3
55767001	JANITOR, PORTER, CLEANER, MAID	388	420	32	5
55767099	BUILDING SERVICE (NO DETAIL)	131	147	16	3
55969999	SERVICE WORKERS (NO DETAIL)	5	6	1	0
TOTAL:		838	913	75	13
66979014	GARDENERS & GROUNDSKEEPERS	180	198	18	3
TOTAL:		180	198	18	3
77081001	BLUE-COLLAR WORKERS SUPERVISORS	8	8	0	0
77285132	MAINTENANCE REPAIRERS, GENERAL	349	379	30	5
77387110	CARPENTERS	23	24	1	1
77387402	PAINTERS AND PAPERHANGERS	23	24	1	0
77489799	ALL OTHER PRECISION PRINTING	4	4	0	0

FINANCE, INSURANCE & REAL ESTATE (SIC 6)

 CODE **OCCUPATION**
 77795032 STATIONARY ENGINEERS
 77897101 TRUCK DRIVERS
 77897989 MATERIAL MOVING OPER. (NO DETAIL)
 77998799 HAND MATERIAL MOVERS (NO DETAIL)
 77998999 HAND LABORERS (NO DETAIL)

TOTAL:

GRAND TOTAL:

1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
2	2	0	0
2	2	0	0
20	21	1	0
2	2	0	0
45	52	7	1
479	521	42	7
13,361	14,143	782	134

SERVICES (SIC 7 & 8)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
11313002	FINANCIAL MANAGERS	757	875	118	20
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	76	88	12	2
11313008	PURCHASING MANAGERS	54	60	6	1
11313011	MARKETING, ADV., PUB. REL. MGRS	233	267	34	6
11313014	ADMINISTRATIVE SERVICES MANAGER	227	247	20	3
11313017	ENGINEERING, MATH., NAT. SCI. MGR	4	4	0	0
11515005	EDUCATION ADMINISTRATORS	880	907	27	5
11515008	MEDICINE AND HEALTH SERV. MGRS	223	253	30	5
11515017	CONSTRUCTION MANAGERS	9	9	0	0
11515023	COMMUNICATION, TRANSP., UTIL. MGRS	16	16	0	0
11515026	FOOD SERVICE & LODGING MANAGERS	460	503	43	7
11919005	GENERAL MANAGERS AND TOP EXEC.	680	761	81	14
11919999	MANAGERS & ADMIN. (NO DETAIL)	510	559	49	8
TOTAL:		4,129	4,549	420	71
22021111	TAX PREPARERS	196	274	78	13
22021114	ACCOUNTANTS AND AUDITORS	840	936	96	16
22021199	FINANCIAL SPECIALISTS(NO DETAIL)	61	64	3	1
22021308	PURCHASING AGENTS	75	80	5	1
22021508	EMPLOYMENT INTERVIEWERS	74	136	62	10
22021511	PERSONNEL, LABOR REL. SPECIALIST	311	319	8	1
22021902	COST ESTIMATORS	14	15	1	0
22021908	CONSTRUCTION, BUILDING INSPECTOR	2	2	0	0
22021911	COMPLIANCE OFFICERS & INSPECTORS	6	6	0	0
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	132	150	18	3
2212105	METALLURGISTS & MATERIAL ENGRS	4	4	0	0
2212108	MINING ENGINEERS, INCL. SAFETY	31	33	2	0
2212111	PETROLEUM ENGINEERS	5	5	0	0
2212114	CHEMICAL ENGINEERS	10	13	3	1
2212117	NUCLEAR ENGINEERS	3	3	0	0
2212121	CIVIL ENGINEERS, INCL. TRAFFIC	172	183	11	2
2212126	ELECTRICAL/ELECTRONIC ENGINEERS	80	98	18	3
2212128	INDUSTRIAL ENGINEERS, EXC. SAFETY	4	4	0	0
2212132	SAFETY ENGINEERS, EXCEPT MINING	6	8	2	0
2212135	MECHANICAL ENGINEERS	70	78	8	1
2212199	ENGINEERS (NO DETAIL)	31	35	4	1
22122301	ARCHITECTS	201	221	20	3
22122309	SURVEYORS	242	259	17	3
22122502	CIVIL ENGINEERING TECHNICIANS	82	88	6	1
22122505	ELECTRICAL & ELECTRONIC TECHN.	36	46	10	2
22122511	MECHANICAL ENGINEERING TECHN.	12	13	1	0
22122512	DRAFTERS	198	213	15	3
22122599	ENGINEERING TECHN. (NO DETAIL)	34	38	4	1
22224105	CHEMISTS	16	22	6	1
22224111	GEOPHYSICISTS	42	55	13	2
22224199	PHYSICAL SCIENTISTS (NO DETAIL)	20	22	2	0
22224302	FORESTER, CONSERVATION SCIENTIST	7	7	0	0
22224305	AGRICULTURAL & FOOD SCIENTISTS	21	26	5	1
22224308	BIOLOGICAL SCIENTISTS	61	70	9	2
22224311	MEDICAL SCIENTISTS	21	22	1	0
22224399	LIFE SCIENTISTS (NO DETAIL)	29	30	1	0
22224511	PETROLEUM TECHNICIANS	6	7	1	0
22224599	PHYS/LIFE SCI. TECHN.(NO DETAIL)	113	124	11	2
22325102	SYSTEMS ANALYSTS:DATA PROCESSING	82	116	34	6

SERVICES (SIC 7 & 8)

CODE	*OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
22325104	COMPUTER PROGRAMMERS & AIDES	263	333	70	12
22325312	STATISTICIANS	1	1	0	0
22325313	ACTUARIES	17	17	0	0
22325319	ALL OTHER MATH. SCIENTISTS	27	28	1	0
22427102	ECONOMISTS, MARKET ANALYSTS	18	23	5	1
22427108	PSYCHOLOGISTS	196	222	26	4
22427199	SOCIAL SCIENTISTS (NO DETAIL)	57	69	12	2
22427310	SOCIAL WORKERS	817	930	113	19
22427311	RECREATION WORKERS	200	234	34	6
22427502	CLERGY	272	309	37	6
22427505	DIRECTORS:RELIGIOUS ACTIV./EDUC.	208	237	29	5
22528108	LAWYERS	556	649	93	16
22528302	LAW CLERKS	36	41	5	1
22528305	PARALEGAL PERSONNEL	109	152	43	7
22528306	TITLE EXAMINERS AND CLERKS	1	1	0	0
22528399	LEGAL OCCUPATIONS (NO DETAIL)	2	2	0	0
22631101	COLLEGE & UNIVERSITY FACULTY	201	261	60	10
22631117	GRADUATE ASSISTANTS, TEACHING	668	615	53-	9-
22631202	LIFE SCIENCES TEACHERS	251	258	7	1
22631204	CHEMISTRY TEACHERS	67	69	2	0
22631206	PHYSICS TEACHERS	48	49	1	0
22631209	ALL OTHER PHYS. SCIENCES TEACHER	44	45	1	0
22631210	SOCIAL SCIENCES TEACHERS	194	199	5	1
22631212	HEALTH SPECIALTIES TEACHERS	38	39	1	0
22631216	ENGLISH & FOREIGN LANGUAGE TEACH	182	187	5	1
22631218	ART, DRAMA, AND MUSIC TEACHERS	140	144	4	1
22631222	ENGINEERING TEACHERS	103	106	3	1
22631224	MATHEMATICAL SCIENCES TEACHERS	105	108	3	1
22631226	COMPUTER SCIENCE TEACHERS	59	61	2	0
22631299	ALL OTHER POSTSECONDARY TEACHERS	531	546	15	3
22631301	TEACHERS: PRESCHOOL	810	946	136	23
22631304	TEACHERS: ELEMENTARY SCHOOL	5,408	6,046	638	106
22631308	TEACHERS: SECONDARY SCHOOL	4,110	4,210	100	17
22631314	TEACHERS: VOCATIONAL EDUCATION	555	635	80	13
22631317	INSTRUCTORS: NONVOCATIONAL EDUC.	494	571	77	13
22631321	INSTRUCTORS AND COACHES: SPORTS	917	1,084	167	28
22631323	FARM & HOME MANAGEMENT ADVISORS	145	149	4	1
22631399	TEACHERS, INSTRUCTORS(NO DETAIL)	1,546	1,621	75	13
22631502	LIBRARIANS, PROFESSIONAL	440	432	8-	1-
22631505	TECHNICAL ASSISTANTS: LIBRARY	138	142	4	1
22631508	AUDIO-VISUAL SPECIALISTS	29	30	1	0
22631511	CURATORS,ARCHIVISTS,MUSEUM TECH	9	15	6	1
22631514	VOCATIONAL AND EDUC. COUNSELORS	286	278	8	1-
22732102	PHYSICIANS AND SURGEONS	574	645	71	12
22732105	DENTISTS	246	284	38	6
22732108	OPTOMETRISTS	69	87	18	3
22732111	PODIATRISTS	6	8	2	0
22732302	RESPIRATORY THERAPISTS	201	213	12	2
22732305	OCCUPATIONAL THERAPISTS	50	58	8	1
22732308	PHYSICAL THERAPISTS	113	135	22	4
22732314	SPEECH PATHOLOGISTS,AUDIOLOGISTS	162	171	9	2
22732317	RECREATION THERAPISTS	15	105	18	3
22732399	THERAPISTS (NO DETAIL)	15	18	3	1
22732502	REGISTERED NURSES	4,051	4,452	401	67
22732505	LICENSED PRACTICAL NURSES	1,613	1,792	179	30

SERVICES (SIC 7 & 8)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
22732508	EMERGENCY MEDICAL TECHNICIANS	27	28	1	0
22732511	PHYSICIAN'S ASSISTANTS	102	115	13	2
22732514	DISPENSING & MEASURING OPTICIANS	118	150	32	5
22732517	PHARMACISTS	135	142	7	1
22732521	DIETITIANS AND NUTRITIONISTS	89	104	15	3
22732523	DIETETIC TECHNICIANS	40	48	8	-1
22732902	MED./CLINICAL LAB. TECHNOLOGISTS	469	488	19	3
22732905	MED./CLINICAL LAB. TECHNICIANS	147	176	29	5
22732908	DENTAL HYGIENISTS	260	301	41	7
22732911	MEDICAL RECORDS TECHNICIANS	121	133	12	2
22732914	NUCLEAR MED. RADIOLOGIC TECHNOL	149	157	8	1
22732921	RADIOLOGIC TECHNICIANS	212	226	14	2
22732923	ELECTROENCEPHALOGRAPH TECHN.	19	20	1	0
22732926	ELECTROCARDIOGRAPH TECHNICIANS	43	45	2	0
22732928	SURGICAL TECHNICIANS	178	184	6	1
22732929	OTHER HEALTH PROFESSIONALS, TECHN	398	516	120	20
22834001	WRITERS, AUTHORS, AND EDITORS	131	146	15	3
22834008	PUBLIC RELATIONS SPECIALISTS	119	126	7	1
22834011	REPORTERS AND CORRESPONDENTS	6	7	1	0
22834017	ANNOUNCERS	2	2	0	0
22834023	PHOTOGRAPHERS	52	59	7	1
22834026	TV & MOTION PIC. CAMERA OPERATOR	2	2	0	0
22834035	ARTISTS AND RELATED WORKERS	45	53	8	1
22834038	DESIGNERS	39	47	8	1
22834056	PRODUCERS, ACTORS, ENTERTAINERS	9	10	1	0
22834058	ATHLETE, COACH, UMPIRE & RELATED	98	101	3	1
22939099	TECHNICIANS (NO DETAIL)	118	125	7	1
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	464	503	39	7
TOTAL:		34,427	37,903	3,476	583
33343017	SALES AGENTS: BUSINESS SERVICES	48	56	8	1
33343099	SERVICE SALES OCC. (NO DETAIL)	124	150	26	4
33949011	SALES PERSONS: RETAIL	50	54	4	1
33949017	COUNTER AND RENTAL CLERKS	278	333	55	9
33949023	CASHIERS	532	585	53	9
33949999	SALES & RELATED OCC. (NO DETAIL)	626	747	121	20
TOTAL:		1,658	1,925	267	44
44353114	CREDIT AUTHORIZERS	7	9	2	0
44353117	CREDIT CHECKERS	41	45	4	1
44353123	ADJUSTMENT CLERKS	1	1	0	0
44353502	WELFARE ELIGIBILITY WORKERS	27	27	0	0
44353508	BILL AND ACCOUNT COLLECTORS	93	104	11	2
44353802	TRAVEL CLERKS	35	38	3	1
44353808	HOTEL DESK CLERKS	775	814	39	7
44353902	LIBRARY ASSISTANTS, BOOKMOBILE	112	115	3	1
44353904	TEACHER'S AIDES, EDUC. ASSISTANT	1,886	2,007	121	20
44555101	SECRETARIES	3,879	4,418	539	90
44555302	STENOGRAPHERS	68	64	4-	1-
44555305	RECEPTIONISTS, INFORMATION CLERKS	1,440	1,784	344	57
44555307	TYPISTS	717	775	58	10
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	71	74	3	1
44555321	FILE CLERKS	199	227	28	5

SERVICES (SIC 7 & 8)

OCCUPATION

44555323 ORDER CLERKS: MATERIALS, SERVICE
 44555326 PROCUREMENT CLERKS
 44555328 STATISTICAL CLERKS
 44555338 BOOKKEEPING & ACCOUNTING CLERKS
 44555341 PAYROLL AND TIMEKEEPING CLERKS
 44555344 BILLING, COST AND RATE CLERKS
 44555347 GENERAL OFFICE CLERKS
 44566002 CALCULATING MACHINE OPERATORS
 44566005 DUPLICATING MACHINE OPERATORS
 44566011 COMPUTER OPERATORS, EXC. PERIPH.
 44566014 PERIPHERAL EDP EQUIP. OPERATORS
 44566017 DATA ENTRY KEYERS, EXC. COMPOSING
 44566099 OFFICE MACH. OPERATOR(NO DETAIL)
 44757102 SWITCHBOARD OPERATORS
 44757302 MAIL CLERKS, EXC. MAIL MACHINE
 44757311 MESSENGERS
 44858002 DISPATCHER: POLICE, FIRE, AMBULANCE
 44858008 PRODUCTION, EXPEDITING CLERKS
 44858023 STOCK CLERKS
 44858028 TRAFFIC, SHIPPING CLERKS
 44858099 MATERIAL WORKERS (NO DETAIL)
 44959999 CLERICAL & SUPPORT (NO DETAIL)

TOTAL:

15,987

17,874

1,887

318

55363035 PRIVATE INVESTIGATOR, DETECTIVE
 55363044 CROSSING GUARDS
 55363047 GUARDS AND WATCH GUARDS
 55363099 PROTECTIVE SERVICE (NO DETAIL)
 55565002 HOSTS & HOSTESSES
 55565005 BARTENDERS
 55565008 WAITERS AND WAITRESSES
 55565014 DINING ROOM & BARTENDER HELPERS
 55565021 BAKERS, BREAD AND PASTRY
 55565026 COOKS: RESTAURANT
 55565028 COOKS: INSTITUTION OR CAFETERIA
 55565030 COOKS: FAST FOOD & SHORT ORDER
 55565038 FOOD PREPARATION WORKERS
 55565041 COMB. FOOD PREPARATION, SERVICE
 55565099 FOOD SERVICE WORKERS (NO DETAIL)
 55666002 DENTAL ASSISTANTS
 55666005 MEDICAL ASSISTANTS
 55666008 NURSING AIDES, ORDERLIES
 55666014 PSYCHIATRIC AIDES
 55666017 PHYSICAL THERAPY ASSISTANTS
 55666021 OCCUPATIONAL THERAPY ASSISTANTS
 55666023 AMBULANCE DRIVER, ATTENDANTS
 55666026 PHARMACY ASSISTANTS
 55666099 HEALTH SERVICE WORKER(NO DETAIL)
 55761008 HOUSEKEEPERS, HOTEL AND MOTEL
 55767001 JANITOR, PORTER, CLEANER, MAID
 55767008 PEST CONTROLLERS AND ASSISTANTS
 55767099 BUILDING SERVICE (NO DETAIL)
 55868002 BARBERS
 55868005 HAIRDRESSERS AND COSMETOLOGISTS

1984-1990
 GROWTH

AVE. ANNUAL
 GROWTH

1990

16

3

71

1

0

23

0

0

7

185

31

2,042

25

4

270

15

3

299

129

22

1,530

6

1

69

4

1

59

113

19

405

5

1

28

2

0

195

2

0

28

49

8

411

2

0

33

1

0

12

0

0

6

3

1

18

8

1

145

4

1

41

0

0

11

166

28

1,669

1,887

318

70

13

2

88

2

0

322

52

9

94

6

1

91

8

1

868

64

11

1,599

146

24

526

42

7

25

2

0

468

48

8

1,112

63

11

87

8

1

1,559

108

18

40

4

1

713

31

5

593

78

13

202

30

5

3,729

505

84

264

17

3

146

18

3

25

3

1

11

1

0

51

2

0

320

43

7

473

54

9

7,332

629

105

55

12

2

91

23

4

77

7

1

1,023

206

34

SERVICES (SIC 7 & 8)

CODE	**OCCUPATION**	1984	1990	1984 1990 GROWTH	AVE. ANNUAL GROWTH
55868008	MANICURISTS	3	4	1	0
55868014	AMUSEMENT & RECREATION ATTENDANT	412	533	121	20
55868017	GUIDES	104	33	10	2
55868021	USHERS AND TICKET TAKERS	104	96	8-	1-
55868023	BAGGAGE PORTERS AND BELLHOPS	85	84	1-	0
55868034	SOCIAL SERVICE AIDES	113	127	14	2
55868038	CHILD CARE WORKERS	448	507	59	10
55969999	SERVICE WORKERS (NO DETAIL)	467	529	62	10
TOTAL:		21,484	23,967	2,483	413
66979014	GARDENERS & GROUNDSKEEPERS	336	416	80	13
66979017	ANIMAL CARETAKERS, EXCEPT FARM	96	103	7	1
66979999	AGRIC., FOREST, FISH.(NO DETAIL)	52	54	2	0
TOTAL:		484	573	89	14
77081001	BLUE-COLLAR WORKERS SUPERVISORS	348	396	48	8
77183004	PRODUCTION INSPECTORS, GRADERS	51	58	7	1
77285119	ALL OTHER MACHINERY MECHANICS	34	40	6	1
77285128	MACHINERY MAINTENANCE WORKERS	20	22	2	0
77285132	MAINTENANCE REPAIRERS, GENERAL	1,106	1,287	181	30
77285301	AUTO AND MOTORCYCLE MECHANICS	371	441	70	12
77285305	AUTOMOTIVE BODY-RELATED REPAIRER	413	447	34	6
77285311	BUS, TRUCK, HEAVY EQUIP MECHANIC	213	238	25	4
77285328	SMALL ENGINE SPECIALISTS	22	24	2	0
77285514	RADIO MECHANICS	28	31	3	1
77285599	OTHER COMMUNICATION MECHANICS	16	18	2	0
77285705	DATA PROCESSING EQUIP. REPAIRERS	14	35	21	4
77285708	HOME ENTERTAINMENT EQ. REPAIRERS	23	25	2	0
77285709	HOME APPLIANCE, TOOLS REPAIRERS	14	17	3	1
77285714	ELECTRIC MOTOR REPAIRERS	30	32	2	0
77285799	ALL OTHER ELECTRICAL MECHANICS	42	51	9	2
77285902	HEATING.A.C.,REFRIGERATION MECH.	34	36	2	0
77285905	PRECISION INSTRUMENT REPAIRERS	21	23	2	0
77285908	ELECTROMED./BIOMEDICAL REPAIRERS	10	10	0	0
77285917	WATCHMAKERS	1	1	0	0
77285921	MUSICAL INSTRUMENT REPAIRERS	11	12	1	0
77285938	INSTALLERS: MANUFACTURED BLDGS:	19	21	2	0
77285947	COIN & VENDING MACHINE SERVICERS	27	43	16	3
77285953	TIRE REPAIRERS AND CHANGERS	15	15	0	0
77285956	MENDERS: GARMENTS, LINENS	39	44	5	1
77285999	MECHANICS, INSTALLERS(NO DETAIL)	82	94	12	2
77387110	CARPENTERS	202	228	26	4
77387202	ELECTRICIANS	36	38	2	0
77387402	PAINTERS AND PAPERHANGERS	47	54	7	1
77387502	PLUMBER, PIPEFITTER, STEAMFITTER	41	43	2	0
77387999	EXTRACTIVE WORKERS (NO DETAIL)	55	66	11	2
77489108	MACHINISTS	114	125	11	2
77489505	CUSTOM TAILORS AND SEWERS	7	7	0	0
77489508	UPHOLSTERERS	61	67	6	1
77489511	SHOE & LEATHER, PRECISION	19	21	2	0
77489599	ALL OTHER PRECISION WORKERS	101	104	3	1
77489921	PRECISION DENTAL LABORATORY TECH	48	53	5	1
77489999	PRECISION PRODUCTION (NO DETAIL)	8	8	0	0

SERVICES (SIC 7 & 8)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
77592543	PRINTING PRESS MACHINE OPERATOR	20	25	5	1
77592545	PHOTOENGRAVING MACHINE OPERATOR	9	12	3	1
77592717	SEWING MACH. OPERATOR: GARMENT	9	9	0	0
77592721	SEWING MACH. OPER.: NON-GARMENT	10	11	1	0
77592723	SHOE SEWING MACHINE OPERATOR	15	15	0	0
77592726	LAUNDRY, DRYCLEANING MACH. OPER.	567	615	48	8
77592728	PRESSING MACH. OPERATOR:TEXTILES	116	120	4	1
77592905	MOTION PICTURE PROJECTIONISTS	68	64	4-	1-
77592908	PHOTOGRAPHIC PROCESSING MACH.OP.	52	64	12	2
77592923	FURNACE, KILN, OVEN,KETTLE OPER.	1	1	0	0
77592926	LOW PRESSURE BOILER OPERATOR	11	11	0	0
77592947	PAINTERS: TRANSPORTATION EQUIP.	19	21	2	0
77592953	COATING, PAINTING MACH. OPER.	1	1	0	0
77592997	ALL OTHER MACHINE SETTERS/OPER.	10	13	3	1
77592998	MACHINE OPERATORS (NO DETAIL)	57	60	3	1
77693914	WELDERS AND CUTTERS	208	229	21	1
77693921	PRESSERS, HAND	19	20	1	4
77693923	SEWERS, HAND	7	7	0	0
77693999	ASSEMBLERS,HAND WORK.(NO DETAIL)	25	26	1	0
77795032	STATIONARY ENGINEERS	52	54	2	0
77795099	PLANT AND SYSTEM OCC.(NO DETAIL)	40	48	8	1
77897101	TRUCK DRIVERS	349	406	57	10
77897108	BUS DRIVERS	34	40	6	1
77897111	BUS DRIVERS: SCHOOL	823	858	35	6
77897114	TAXI DRIVERS AND CHAUFFEURS	8	8	0	0
77897805	SERVICE STATION ATTENDANTS	13	13	0	0
77897808	PARKING LOT ATTENDANTS	12	16	4	1
77897899	ALL OTHER TRANSPORTATION	11	11	0	0
77897947	INDUSTRIAL TRUCK/TRACTOR OPER.	2	2	0	0
77897989	MATERIAL MOVING OPER.(NO DETAIL)	18	25	7	1
77998502	MACHINE FEEDERS AND OFFBEARERS	40	41	1	0
77998799	HAND MATERIAL MOVERS (NO DETAIL)	115	126	11	2
77998905	VEHICLE, EQUIPMENT CLEANERS	171	208	37	6
77998999	HAND, LABORERS (NO DETAIL)	627	659	32	5
TOTAL:		7,282	8,114	832	139
GRAND TOTAL:		85,451	94,905	9,454	1,582

GOVERNMENT (SIC 9)		1984	1990	1984 - 1990 GROWTH	AVE. ANNUAL GROWTH
CODE	**OCCUPATION**	-----	-----	-----	-----
11313002	FINANCIAL MANAGERS	107	109	2	0
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	30	31	1	0
11313008	PURCHASING MANAGERS	16	16	0	0
11313011	MARKETING, ADV., PUB. REL. MGRS	6	6	0	0
11313014	ADMINISTRATIVE SERVICES MANAGER	74	76	2	0
11515002	POSTMASTERS, MAIL SUPERINTENDENT	57	58	1	0
11515005	EDUCATION ADMINISTRATORS	54	56	2	0
11515008	MEDICINE AND HEALTH SERV. MGRS	57	59	2	0
11515017	CONSTRUCTION MANAGERS	57	25	0	0
11515023	COMMUNICATION, TRANSP., UTIL. MGRS	67	68	1	0
11919002	PUBLIC ADMINISTRATION EXECUTIVES	821	834	13	2
11919005	GENERAL MANAGERS AND TOP EXEC.	216	223	7	1
11919999	MANAGERS & ADMIN. (NO DETAIL)	901	920	19	3
TOTAL:		2,431	2,481	50	6
22021114	ACCOUNTANTS AND AUDITORS	554	587	33	6
22021199	FINANCIAL SPECIALISTS(NO DETAIL)	29	30	1	0
22021308	PURCHASING AGENTS	126	127	1	0
22021502	CLAIMS TAKERS, UNEMPLOY. BENEFITS	99	103	4	1
22021508	EMPLOYMENT INTERVIEWERS	103	107	4	1
22021511	PERSONNEL, LABOR REL. SPECIALIST	166	170	4	1
22021908	CONSTRUCTION, BUILDING INSPECTOR	159	164	5	1
22021911	COMPLIANCE OFFICERS & INSPECTORS	340	352	12	2
22021914	TAX EXAMINERS AND COLLECTORS	167	171	4	1
22021917	ASSESSORS	298	309	11	2
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	479	494	15	3
22122102	AERONAUTICAL & ASTRO. ENGINEERS	24	25	1	0
22122105	METALLURGISTS & MATERIAL ENGRS	9	9	0	0
22122108	MINING ENGINEERS, INCL. SAFETY	4	4	0	0
22122111	PETROLEUM ENGINEERS	1	1	0	0
22122114	CHEMICAL ENGINEERS	6	6	0	0
22122121	CIVIL ENGINEERS, INCL. TRAFFIC	271	287	16	3
22122126	ELECTRICAL/ELECTRONIC ENGINEERS	61	62	1	0
22122128	INDUSTRIAL ENGINEERS, EXC. SAFETY	15	15	0	0
22122132	SAFETY ENGINEERS, EXCEPT MINING	3	3	0	0
22122135	MECHANICAL ENGINEERS	21	21	0	0
22122199	ENGINEERS (NO DETAIL)	45	46	1	0
22122301	ARCHITECTS	10	10	0	0
22122309	SURVEYORS	72	73	1	0
22122502	CIVIL ENGINEERING TECHNICIANS	296	308	12	2
22122505	ELECTRICAL & ELECTRONIC TECHNS.	137	136	1-	0
22122512	DRAFTERS	50	51	1	0
22122599	ENGINEERING TECHN. (NO DETAIL)	204	201	3-	1-
22224102	PHYSICISTS AND ASTRONOMERS	5	5	0	0
22224105	CHEMISTS	62	62	0	0
22224108	METEOROLOGISTS	13	13	0	0
22224111	GEOPHYSICISTS	35	35	0	0
22224199	PHYSICAL SCIENTISTS (NO DETAIL)	27	28	1	0
22224302	FORESTER, CONSERVATION SCIENTIST	174	177	3	1
22224305	AGRICULTURAL & FOOD SCIENTISTS	35	35	0	0
22224308	BIOLOGICAL SCIENTISTS	193	199	6	1
22224399	LIFE SCIENTISTS (NO DETAIL)	89	92	3	1
22224599	PHYS./LIFE SCI. TECHN.(NO DETAIL)	273	277	4	1
22325102	SYSTEMS ANALYSTS:DATA PROCESSING	161	191	30	5

GOVERNMENT (SIC 9)

CODE	*OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
22325104	COMPUTER PROGRAMMERS & AIDES	174	197	23	4
22325312	STATISTICIANS	6	6	0	0
22325319	ALL OTHER MATH. SCIENTISTS	34	34	0	0
22427102	ECONOMISTS, MARKET ANALYSTS	45	46	1	0
22427105	URBAN AND REGIONAL PLANNERS	97	100	3	1
22427108	PSYCHOLOGISTS	22	22	0	0
22427199	SOCIAL SCIENTISTS (NO DETAIL)	17	17	0	0
22427310	SOCIAL WORKERS	492	499	7	1
22427311	RECREATION WORKERS	70	72	2	0
22427502	CLERGY	2	2	0	0
22528101	JUDGES, MAGISTRATES, ADJUDICATOR	241	248	7	1
22528108	LAWYERS	340	349	9	2
22528302	LAW CLERKS	60	61	1	0
22528305	PARALEGAL PERSONNEL	34	35	1	0
22528399	LEGAL OCCUPATIONS (NO DETAIL)	13	13	0	0
22631314	TEACHERS: VOCATIONAL EDUCATION	4	4	0	0
22631317	INSTRUCTORS: NONVOCATIONAL EDUC.	58	59	1	0
22631323	FARM & HOME MANAGEMENT ADVISORS	133	135	2	0
22631399	TEACHERS, INSTRUCTORS(NO DETAIL)	23	23	0	0
22631502	LIBRARIANS, PROFESSIONAL	175	180	5	1
22631505	TECHNICAL ASSISTANTS: LIBRARY	119	122	3	1
22631514	VOCATIONAL AND EDUC. COUNSELORS	29	30	1	0
22732102	PHYSICIANS AND SURGEONS	65	66	1	0
22732105	DENTISTS	3	3	0	0
22732114	VETERINARIANS, VET. INSPECTORS	3	3	0	0
22732308	PHYSICAL THERAPISTS	2	2	0	0
22732399	THERAPISTS (NO DETAIL)	12	12	0	0
22732502	REGISTERED NURSES	402	412	10	2
22732505	LICENSED PRACTICAL NURSES	167	172	5	1
22732508	EMERGENCY MEDICAL TECHNICIANS	75	76	1	0
22732517	PHARMACISTS	4	4	0	0
22732521	DIETITIANS AND NUTRITIONISTS	73	75	2	0
22732902	MED./CLINICAL LAB. TECHNOLOGISTS	13	13	0	0
22732911	MEDICAL RECORDS TECHNICIANS	4	4	0	0
22732914	NUCLEAR MED. RADIOLOGIC TECHNOL	6	6	0	0
22732926	ELECTROCARDIOGRAPH TECHNICIANS	11	11	0	0
22732999	OTHER HEALTH PROFESSIONALS,TECHN	171	176	5	1
22834001	WRITERS, AUTHORS, AND EDITORS	23	23	0	0
22834008	PUBLIC RELATIONS SPECIALISTS	39	40	1	0
22834023	PHOTOGRAPHERS	24	24	0	0
22834028	BROADCAST TECHNICIANS	12	12	0	0
22834035	ARTISTS AND RELATED WORKERS	10	10	0	0
22939002	AIR TRAFFIC CONTROLLERS	127	132	5	1
22939008	RADIO OPERATORS	12	12	0	0
22939099	TECHNICIANS (NO DETAIL)	5	5	0	0
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	874	900	26	4
TOTAL		9,141	9,433	292	51
33343011	APPRAISERS: REAL ESTATE	8	8	0	0
33949011	SALES PERSONS: RETAIL	154	159	5	1
33949021	STOCK CLERKS: SALES FLOOR	2	2	0	0
33949023	CASHIERS	69	70	1	0
33949999	SALES & RELATED OCC. (NO DETAIL)	73	76	3	1

GOVERNMENT (SIC 9)

1984-1990
GROWTHAVE. ANNUAL
GROWTH

CODE **OCCUPATION**

TOTAL:

44353302	INSURANCE ADJUSTERS/INVESTIGATOR	306	315	9	2
44353311	INSURANCE CLAIMS CLERKS	6	6	0	0
44353502	WELFARE ELIGIBILITY WORKERS	13	13	0	0
44353702	COURT CLERKS	235	244	9	2
44353705	MUNICIPAL CLERKS	267	273	6	1
44353708	LICENSE CLERKS	163	167	4	1
44353802	TRAVEL CLERKS	83	85	2	0
44353902	LIBRARY ASSISTANTS, BOOKMOBILE	5	5	0	0
44353904	TEACHER'S AIDES, EDUC. ASSISTANT	260	267	7	1
44353914	REAL ESTATE CLERKS	14	15	1	0
44555101	SECRETARIES	11	11	0	0
44555302	STENOGRAPHERS	940	1,023	83	14
44555305	RECEPTIONISTS, INFORMATION CLERKS	160	130	30-	5-
44555307	TYPISTS	111	115	4	1
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	579	579	0	0
44555321	FILE CLERKS	103	105	2	0
44555326	PROCUREMENT CLERKS	63	64	1	0
44555328	STATISTICAL CLERKS	54	55	1	0
44555335	UTILITIES CUSTOMER SERVICE REPS	51	52	1	0
44555338	BOOKKEEPING & ACCOUNTING CLERKS	23	23	0	0
44555341	PAYROLL AND TIMEKEEPING CLERKS	774	796	22	4
44555344	BILLING, COST AND RATE CLERKS	112	115	3	1
44555347	GENERAL OFFICE CLERKS	242	250	8	1
44656002	CALCULATING MACHINE OPERATORS	1,618	1,600	18-	3-
44656011	COMPUTER OPERATORS, EXC. PERIPH.	29	29	0	0
44656014	PERIPHERAL EDP EQUIP. OPERATORS	158	217	59	10
44656017	DATA ENTRY KEYERS, EXC.COMPOSING	38	39	1	0
44656099	OFFICE MACH. OPERATOR(NO DETAIL)	257	217	40-	7-
44757102	SWITCHBOARD OPERATORS	61	63	2	0
44757302	MAIL CLERKS, EXC. MAIL MACHINE	79	79	1	0
44757305	POSTAL MAIL CARRIERS	142	144	2	0
44757308	POSTAL SERVICE CLERKS	604	610	6	1
44757311	MESSENGERS	156	158	2	0
44858002	DISPATCHER:POLICE,FIRE,AMBULANCE	7	7	0	0
44858005	DISPATCHERS, OTHER	473	485	12	2
44858008	PRODUCTION, EXPEDITING CLERKS	16	16	0	0
44858014	METER READERS: UTILITIES	133	135	2	0
44858023	STOCK CLERKS	56	58	2	0
44858028	TRAFFIC, SHIPPING CLERKS	49	49	0	0
44858099	MATERIAL WORKERS (NO DETAIL)	132	134	2	0
44959999	CLERICAL & SUPPORT (NO DETAIL)	311	315	4	1
		799	808	9	2
	TOTAL:	9,386	9,556	170	27

55161002	FIRE FIGHTING SUPERVISORS	120	123	3	1
55161005	POLICE AND DETECTIVE SUPERVISORS	238	243	5	1
55363001	FIRE INSPECTORS	14	14	0	0
55363008	FIRE FIGHTERS	582	597	15	3
55363009	POLICE DETECTIVES	131	136	5	1
55363014	POLICE PATROL OFFICERS	942	970	28	5
55363017	CORRECTION OFFICERS AND JAILERS	368	432	64	11
55363021	PARKING ENFORCEMENT OFFICERS	55	59	4	1

GOVERNMENT (SIC 9)

CODE	**OCCUPATION**	1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
55363023	BAILIFFS	29	29	0	0
55363031	SHERIFFS, DEPUTIES, US MARSHALL	728	652	76-	13-
55363041	FISH AND GAME WARDENS	66	68	2	0
55363047	GUARDS AND WATCH GUARDS	157	163	6	1
55363099	PROTECTIVE SERVICE (NO DETAIL)	233	238	5	1
55565028	COOKS: INSTITUTION OR CAFETERIA	176	181	5	1
55565038	FOOD PREPARATION WORKERS	156	161	5	1
55565099	FOOD SERVICE WORKERS (NO DETAIL)	37	37	0	0
55666002	DENTAL ASSISTANTS	2	2	0	0
55666005	MEDICAL ASSISTANTS	4	4	0	0
55666008	NURSING AIDES, ORDERLIES	631	645	14	2
55666014	PSYCHIATRIC AIDES	64	66	2	0
55666021	OCCUPATIONAL THERAPY ASSISTANTS	2	2	0	0
55666023	AMBULANCE DRIVER, ATTENDANTS	30	30	0	0
55666026	PHARMACY ASSISTANTS	3	3	0	0
55666099	HEALTH SERVICE WORKER(NO DETAIL)	428	441	13	2
55767001	JANITOR, PORTER, CLEANER, MAID	50	51	1	0
55767008	PEST CONTROLLERS AND ASSISTANTS	3	3	0	0
55767099	BUILDING SERVICE (NO DETAIL)	523	533	10	2
55868014	AMUSEMENT & RECREATION ATTENDANT	66	68	2	0
55868034	SOCIAL SERVICE AIDES	39	40	1	0
55969999	SERVICE WORKERS (NO DETAIL)	243	253	10	2
	TOTAL:	6,120	6,244	124	22
66979002	FOREST AND CONSERVATION WORKERS	111	115	4	1
66979014	GARDENERS & GROUNDSKEEPERS	321	329	8	1
66979017	ANIMAL CARETAKERS, EXCEPT FARM	21	21	0	0
66979999	AGRIC., FOREST, FISH.(NO DETAIL)	153	158	5	1
	TOTAL:	606	623	17	3
77081001	BLUE-COLLAR WORKERS SUPERVISORS	316	327	11	2
77183002	PRECISION INSPECTORS, GRADERS	53	54	1	0
77183004	PRODUCTION INSPECTORS, GRADERS	10	10	0	0
77285118	MACHINERY MECHANIC: PLANT	65	67	2	0
77285119	ALL OTHER MACHINERY MECHANICS	138	139	1	0
77285128	MACHINERY MAINTENANCE WORKERS	8	8	0	0
77285132	MAINTENANCE REPAIRERS, GENERAL	463	473	10	2
77285301	AUTO AND MOTORCYCLE MECHANICS	88	89	1	0
77285305	AUTOMOTIVE BODY,RELATED REPAIRER	16	16	0	0
77285311	BUS, TRUCK, HEAVY EQUIP MECHANIC	66	68	2	0
77285314	HEAVY EQUIPMENT MECHANICS	229	232	3	1
77285320	AIRCRAFT MECHANICS	369	375	6	1
77285702	TELEPHONE, CABLE TV INSTALLERS	8	8	0	0
77285705	DATA PROCESSING EQUIP. REPAIRERS	5	5	0	0
77285709	HOME APPLIANCE, TOOLS REPAIRERS	23	23	0	0
77285717	INDUSTRIAL ELECTRONICS REPAIRERS	422	426	4	1
77285726	TELEPHONE STATION INSTALLERS	9	9	0	0
77285902	HEATING.A.C.,REFRIGERATION MECH.	21	21	0	0
77285905	PRECISION INSTRUMENT REPAIRERS	6	6	0	0
77285923	LOCKSMITHS AND SAFE REPAIRERS	1	1	0	0
77285926	OFFICE MACHINE SERVICER	1	1	0	0
77285928	MECHANICAL CONTROL INSTALLERS	3	3	0	0
77285935	RIGGERS	4	4	0	0

GOVERNMENT (SIC 9)		1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
CODE	**OCCUPATION**	-----	-----	-----	-----
77285953	TIRE REPAIRERS AND CHANGERS	9	9	0	0
77285999	MECHANICS, INSTALLERS(NO DETAIL)	253	258	5	1
77387110	CARPENTERS	41	42	1	0
77387202	ELECTRICIANS	159	161	2	0
77387305	STONE MASONS	1	1	0	0
77387402	PAINTERS AND PAPERHANGERS	105	106	1	0
77387502	PLUMBER, PIPEFITTER, STEAMFITTER	37	37	0	0
77387508	PIPELAYERS	25	25	0	0
77387711	HIGHWAY MAINTENANCE WORKERS	1,026	1,052	26	4
77387714	RAIL-TRACK LAYING EQUIP. OPER.	4	4	0	0
77387808	ROOFERS	1	1	0	0
77387899	CONSTRUCTION WORKERS (NO DETAIL)	30	30	0	0
77387911	ROTARY DRILL OPERATORS	8	8	0	0
77387999	EXTRACTIVE WORKERS (NO DETAIL)	13	13	0	0
77489102	TOOL AND DIE MAKERS	18	18	0	0
77489105	PRECISION INSTRUMENT MAKERS	2	2	0	0
77489108	MACHINISTS	6	6	0	0
77489132	SHEET METAL WORKERS	228	231	3	1
77489135	BOILERMAKERS	1	1	0	0
77489302	PATTERN AND MODEL MAKERS: WOOD	3	3	0	0
77489311	CABINETMAKERS & BENCH CARPENTERS	6	6	0	0
77489801	BUTCHER, MEATCUTTER, SLAUGHTERER	4	4	0	0
77489999	PRECISION PRODUCTION (NO DETAIL)	10	10	0	0
77591508	COMBINATION MACH.TOOL OPER., M/P	68	69	1	0
77591921	ELECTROLYTIC PLATING OPER., M/P	17	17	0	0
77591926	NONELECTROLYTIC PLATING OPER.M/P	2	2	0	0
77592198	OTHER METAL/PLASTIC MACH. OPER.	45	44	1-	0
77592512	OFFSET LITHOGRAPHIC PRESS SETTER	11	11	0	0
77592599	OTHER PRINTING MACHINE OPERATORS	3	3	0	0
77592717	SEWING MACH. OPERATOR: GARMENT	3	3	0	0
77592726	LAUNDRY, DRYCLEANING MACH. OPER.	2	2	0	0
77592926	LOW PRESSURE BOILER OPERATOR	37	37	0	0
77592935	CHEMICAL EQUIP. CONTROLLER/OPER.	11	11	0	0
77592998	MACHINE OPERATORS (NO DETAIL)	110	109	1-	0
77693102	AIRCRAFT STRUCTURE ASSEMBLY	3	3	0	0
77693914	WELDERS AND CUTTERS	29	29	0	0
77693956	ASSEMBLERS AND FABRICATORS	2	2	0	0
77693999	ASSEMBLERS,HAND WORK. (NO DETAIL)	6	6	0	0
77795002	WATER & WASTE TREAT. PLANT OPER.	329	323	6-	1-
77795032	STATIONARY ENGINEERS	20	20	0	0
77795099	PLANT AND SYSTEM OCC.(NO DETAIL)	30	30	0	0
77897101	TRUCK DRIVERS	519	535	16	3
77897108	BUS DRIVERS	85	87	2	0
77897302	RAILROAD CONDUCTORS, YARDMASTERS	3	3	0	0
77897702	AIRCRAFT PILOTS,FLIGHT ENGINEERS	10	10	0	0
77897805	SERVICE STATION ATTENDANTS	20	21	1	0
77897899	ALL OTHER TRANSPORTATION	66	68	2	0
77897940	HOIST, WINCH, CRANE OPERATORS	15	15	0	0
77897947	INDUSTRIAL TRUCK/TRACTOR OPER.	115	117	2	0
77897956	OPERATING ENGINEERS	543	558	15	3
77897989	MATERIAL MOVING OPER.(NO DETAIL)	9	9	0	0
77998705	REFUSE COLLECTORS	192	187	5-	1-
77998902	HAND PACKERS AND PACKAGERS	31	31	0	0
77998999	HAND LABORERS (NO DETAIL)	987	972	15-	3-

GOVERNMENT (SIC 9)

CODE **OCCUPATION**

TOTAL:

GRAND TOTAL:

1984	1990	1984-1990 GROWTH	AVE. ANNUAL GROWTH
----	----	-----	-----
7,637	7,727	90	14
35,627	36,379	752	125

AREA : O - MONTANA: STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
00000000	TOTAL, ALL OCCUPATIONS	276143	100.0	294172	100.0	18029	6.53
11000000	MANAGERIAL & ADMINISTRATIVE OCC.	17408	6.3	18387	6.2	979	5.62
11310000	STAFF ADMINISTRATIVE OCCUPATIONS	4190	1.5	4477	1.5	287	6.85
11313000	STAFF ADMIN. OCC. (SUB-TOTAL)	4190	1.5	4477	1.5	287	6.85
11313002	FINANCIAL MANAGERS	2221	0.8	2368	0.8	147	6.62
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	191	0.0	205	0.0	14	7.33
11313008	PURCHASING MANAGERS	754	0.2	808	0.2	54	7.16
11313011	MARKETING, ADV., PUB. REL. MGRS	649	0.2	697	0.2	48	7.40
11313014	ADMINISTRATIVE SERVICES MANAGER	344	0.1	368	0.1	24	6.98
11313017	ENGINEERING, MATH., NAT. SCI. MGR	31	0.0	31	0.0	0	0.00
11510000	STAFF ADMINISTRATIVE OCCUPATIONS	4033	1.4	4246	1.4	213	5.28
11515000	LINE & MIDDLE MGT. (SUB-TOTAL)	4033	1.4	4246	1.4	213	5.28
11515002	POSTMASTERS, MAIL SUPERINTENDENT	158	0.0	161	0.0	3	1.90
11515005	EDUCATION ADMINISTRATORS	934	0.3	963	0.3	29	3.10
11515008	MEDICINE AND HEALTH SERV. MGRS	280	0.1	312	0.1	32	11.43
11515011	PROPERTY, REAL ESTATE MANAGEMENT	2	0.0	2	0.0	0	0.00
11515014	INDUSTRIAL PRODUCTION MANAGERS	65	0.0	61	0.0	-4	-6.15
11515017	CONSTRUCTION MANAGERS	617	0.2	589	0.2	-28	-4.54
11515021	MINING, QUARRY, OIL DRILL. MGRS	180	0.0	173	0.0	-7	-3.89
11515023	COMMUNICATION, TRANSP., UTIL. MGRS	566	0.2	599	0.2	33	5.83
11515026	FOOD SERVICE & LODGING MANAGERS	1231	0.4	1386	0.4	155	12.59
11910000	GENERAL MANAGERIAL OCCUPATIONS	9185	3.3	9664	3.2	479	5.22
11919000	GENERAL MANAGERIAL (SUB-TOTAL)	7144	2.5	7551	2.5	407	5.70
11919002	PUBLIC ADMINISTRATION EXECUTIVES	821	0.3	834	0.2	13	1.58
11919005	GENERAL MANAGERS AND TOP EXEC.	6323	2.2	6717	2.2	394	6.23
11919900	OTHER MANAGERS (SUB-TOTAL)	2041	0.7	2113	0.7	72	3.53
11919999	MANAGERS & ADMIN. (NO DETAIL)	2041	0.7	2113	0.7	72	3.53
22000000	PROFESSIONAL, PARAPROFESS., TECH.	52113	18.8	56322	19.1	4209	8.08
22020000	MANAGEMENT SUPPORT OCCUPATIONS	7955	2.8	8462	2.8	507	6.37
22021100	ACCOUNTANTS, AUDITORS, FINANCIAL	3049	1.1	3331	1.1	282	9.25
22021102	UNDERWRITERS	168	0.0	175	0.0	7	4.17
22021111	TAX PREPARERS	196	0.0	274	0.0	78	39.80
22021114	ACCOUNTANTS AND AUDITORS	2507	0.9	2696	0.9	189	7.54
22021199	FINANCIAL SPECIALISTS(NO DETAIL)	178	0.0	186	0.0	8	4.49
22021300	PURCHASING AGENTS AND BUYERS	1156	0.4	1221	0.4	65	5.62
22021302	WHOLESALE AND RETAIL BUYERS	844	0.3	900	0.3	56	6.64
22021308	PURCHASING AGENTS	312	0.1	321	0.1	9	2.88
22021500	PERSONNEL, TRAINING, LABOR REL.	988	0.3	1079	0.3	91	9.21
22021502	CLAIMS TAKERS, UNEMPLOY. BENEFITS	99	0.0	103	0.0	4	4.04
22021505	SPECIAL AGENTS, INSURANCE	132	0.0	139	0.0	7	5.30
22021508	EMPLOYMENT INTERVIEWERS	177	0.0	243	0.0	66	37.29
22021511	PERSONNEL, LABOR REL. SPECIALIST	580	0.2	594	0.2	14	2.41

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

0 - MONTANA: STATEWIDE
- TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

----- BASE YEAR 1984 PROJ YEAR 1990 -----

CODE	OCCUPATION TITLE	EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL	CHANGE IN EMPLOYMENT	PERCENT CHANGE
22021900	OTHER MANAGEMENT SUPPORT WORKERS	2762	1.0	2831	0.9	69	2.50
22021902	COST ESTIMATORS	294	0.1	285	0.1	-9	-3.06
22021908	CONSTRUCTION, BUILDING INSPECTOR	170	0.0	175	0.0	5	2.94
22021911	COMPLIANCE OFFICERS & INSPECTORS	371	0.1	384	0.1	13	3.50
22021914	TAX EXAMINERS AND COLLECTORS	167	0.0	171	0.0	4	2.40
22021917	ASSESSORS	298	0.1	309	0.1	11	3.69
22021921	CLAIMS EXAMINERS: INSURANCE	41	0.0	39	0.0	-2	-4.88
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	1421	0.5	1468	0.5	47	3.31
22120000	ENGINEERS AND RELATED OCC.	3884	1.4	4131	1.4	247	6.36
22122100	ENGINEERS	1620	0.5	1762	0.6	142	8.77
22122102	AERONAUTICAL & ASTRO. ENGINEERS	24	0.0	25	0.0	1	4.17
22122105	METALLURGISTS & MATERIAL ENGRS	33	0.0	40	0.0	7	21.21
22122108	MINING ENGINEERS, INCL. SAFETY	107	0.0	138	0.0	31	28.97
22122111	PETROLEUM ENGINEERS	35	0.0	39	0.0	4	11.43
22122114	CHEMICAL ENGINEERS	82	0.0	92	0.0	10	12.20
22122117	NUCLEAR ENGINEERS	3	0.0	3	0.0	0	0.00
22122121	CIVIL ENGINEERS, INCL. TRAFFIC	644	0.2	669	0.2	25	3.88
22122126	ELECTRICAL/ELECTRONIC ENGINEERS	310	0.1	361	0.1	51	16.45
22122128	INDUSTRIAL ENGINEERS, EXC. SAFETY	48	0.0	49	0.0	1	2.08
22122132	SAFETY ENGINEERS, EXCEPT MINING	28	0.0	28	0.0	0	0.00
22122135	MECHANICAL ENGINEERS	206	0.0	214	0.0	8	3.88
22122199	ENGINEERS (NO DETAIL)	100	0.0	104	0.0	4	4.00
22122300	ARCHITECTS AND MAP SCIENTISTS	592	0.2	633	0.2	41	6.93
22122301	ARCHITECTS	213	0.0	233	0.0	20	9.39
22122309	SURVEYORS	379	0.1	400	0.1	21	5.54
22122500	ENGINEERING TECHNICIANS	1672	0.6	1736	0.5	64	3.83
22122502	CIVIL ENGINEERING TECHNICIANS	391	0.1	409	0.1	18	4.60
22122505	ELECTRICAL & ELECTRONIC TECHNS.	456	0.1	482	0.1	26	5.70
22122511	MECHANICAL ENGINEERING TECHNL	12	0.0	13	0.0	1	8.33
22122512	DRAFTERS	483	0.1	515	0.1	32	6.63
22122599	ENGINEERING TECHNL. (NO DETAIL)	330	0.1	317	0.1	-13	-3.94
22220000	NATURAL SCIENTISTS, TECHNICIANS	1808	0.6	1902	0.6	94	5.20
22224100	PHYSICAL SCIENTISTS	582	0.2	625	0.2	43	7.39
22224102	PHYSICISTS AND ASTRONOMERS	5	0.0	5	0.0	0	0.00
22224105	CHEMISTS	152	0.0	149	0.0	-3	-1.97
22224108	METEOROLOGISTS	13	0.0	13	0.0	0	0.00
22224111	GEOPHYSICISTS	295	0.1	337	0.1	42	14.24
22224199	PHYSICAL SCIENTISTS (NO DETAIL)	117	0.0	121	0.0	4	3.42
22224300	LIFE SCIENTISTS	696	0.2	722	0.2	26	3.74
22224302	FORESTER, CONSERVATION SCIENTIST	223	0.0	224	0.0	1	0.45
22224305	AGRICULTURAL & FOOD SCIENTISTS	64	0.0	69	0.0	5	7.81
22224308	BIOLOGICAL SCIENTISTS	259	0.0	273	0.0	14	5.41

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

AREA : 0 - MONTANA: STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
22224311	MEDICAL SCIENTISTS	21	0.0	22	0.0	1	4.76
22224399	LIFE SCIENTISTS (NO DETAIL)	129	0.0	134	0.0	5	3.88
22224500	PHYSICAL AND LIFE SCIENCE TECHN.	530	0.1	555	0.1	25	4.72
22224511	PETROLEUM TECHNICIANS	24	0.0	22	0.0	-2	-8.33
22224599	PHYS/LIFE SCI. TECHN.(NO DETAIL)	506	0.1	533	0.1	27	5.34
22320000	COMPUTER AND MATHEMATICAL OCC.	1088	0.3	1275	0.4	187	17.19
22325100	COMPUTER AND RELATED WORKERS	995	0.3	1181	0.4	186	18.69
22325102	SYSTEMS ANALYSTS:DATA PROCESSING	340	0.1	416	0.1	76	22.35
22325104	COMPUTER PROGRAMMERS & AIDES	649	0.2	759	0.2	110	16.95
22325111	PROGRAMMERS: TOOL, NUMERICAL	6	0.0	6	0.0	0	0.00
22325300	MATHEMATICAL & RELATED WORKERS	93	0.0	94	0.0	1	1.08
22325312	STATISTICIANS	13	0.0	13	0.0	0	0.00
22325313	ACTUARIES	18	0.0	18	0.0	0	0.00
22325319	ALL OTHER MATH. SCIENTISTS	62	0.0	63	0.0	1	1.61
22420000	SOCIAL SCIENTISTS,RECR.,RELIGION	2516	0.9	2785	0.9	269	10.69
22427100	SOCIAL SCIENTISTS, INCL.PLANNERS	455	0.1	502	0.1	47	10.33
22427102	ECONOMISTS, MARKET ANALYSTS	66	0.0	72	0.0	6	9.09
22427105	URBAN AND REGIONAL PLANNERS	97	0.0	100	0.0	3	3.09
22427108	PSYCHOLOGISTS	218	0.0	244	0.0	26	11.93
22427199	SOCIAL SCIENTISTS (NO DETAIL)	74	0.0	86	0.0	12	16.22
22427300	SOCIAL SCIENCE RELATED WORKERS	1579	0.5	1735	0.5	156	9.88
22427310	SOCIAL WORKERS	1309	0.4	1429	0.4	120	9.17
22427311	RECREATION WORKERS	270	0.1	306	0.1	36	13.33
22427500	RELIGIOUS WORKERS	482	0.1	548	0.1	66	13.69
22427502	CLERGY	274	0.1	311	0.1	37	13.50
22427505	DIRECTORS:RELIGIOUS ACTIV./EDUC.	208	0.0	237	0.0	29	13.94
22520000	LAW AND RELATED OCCUPATIONS	1618	0.5	1786	0.6	168	10.38
22528100	PROFESSIONAL LEGAL OCCUPATIONS	1157	0.4	1266	0.4	109	9.42
22528101	JUDGES, MAGISTRATES, ADJUDICATOR	241	0.0	248	0.0	7	2.90
22528108	LAWYERS	916	0.3	1018	0.3	102	11.14
22528300	LEGAL ASSISTANTS, EXC. CLERICAL	461	0.1	520	0.1	59	12.80
22528302	LAW CLERKS	96	0.0	102	0.0	6	6.25
22528305	PARALEGAL PERSONNEL	143	0.0	187	0.0	44	30.77
22528306	TITLE EXAMINERS AND CLERKS	201	0.0	210	0.0	9	4.48
22528399	LEGAL OCCUPATIONS (NO DETAIL)	21	0.0	21	0.0	0	0.00
22630000	TEACHERS, EDUCATORS, LIBRARIANS	18077	6.5	19419	6.6	1342	7.42
22631100	TEACHERS:UNIVERSITY, TECHNICAL	2631	0.9	2687	0.9	56	2.13
22631101	COLLEGE & UNIVERSITY FACULTY	201	0.0	261	0.0	60	29.85
22631117	GRADUATE ASSISTANTS, TEACHING	668	0.2	615	0.2	-53	-7.93
22631202	LIFE SCIENCES TEACHERS	251	0.0	258	0.0	7	2.79
22631204	CHEMISTRY TEACHERS	67	0.0	69	0.0	2	2.99
22631206	PHYSICS TEACHERS	48	0.0	49	0.0	1	2.08

TABLE C OES INDUSTRY EMPLOYMENT AND PERCENT

RUN DATE 04/08/86

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

PAGE 4

O - MONTANA: STATEWIDE
 - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
22631209	ALL OTHER PHYS. SCIENCES TEACHER	44	0.0	45	0.0	1	2.27
22631210	SOCIAL SCIENCES TEACHERS	194	0.0	199	0.0	5	2.58
22631212	HEALTH SPECIALTIES TEACHERS	38	0.0	39	0.0	1	2.63
22631216	ENGLISH & FOREIGN LANGUAGE TEACH	182	0.0	187	0.0	5	2.75
22631218	ART, DRAMA, AND MUSIC TEACHERS	140	0.0	144	0.0	4	2.86
22631222	ENGINEERING TEACHERS	103	0.0	106	0.0	3	2.91
22631224	MATHEMATICAL SCIENCES TEACHERS	105	0.0	108	0.0	3	2.86
22631226	COMPUTER SCIENCE TEACHERS	59	0.0	61	0.0	2	3.39
22631299	ALL OTHER POSTSECONDARY TEACHERS	531	0.1	546	0.1	15	2.82
22631300	OTHER TEACHERS, INSTRUCTORS	14219	5.1	15501	5.2	1282	9.02
22631301	TEACHERS: PRESCHOOL	810	0.2	946	0.3	136	16.79
22631304	TEACHERS: ELEMENTARY SCHOOL	5408	1.9	6046	2.0	638	11.80
22631308	TEACHERS: SECONDARY SCHOOL	4110	1.4	4210	1.4	100	2.43
22631314	TEACHERS: VOCATIONAL EDUCATION	573	0.2	655	0.2	82	14.31
22631317	INSTRUCTORS: NONVOCATIONAL EDUC.	554	0.2	632	0.2	78	14.08
22631321	INSTRUCTORS AND COACHES: SPORTS	917	0.3	1084	0.3	167	18.21
22631323	FARM & HOME MANAGEMENT ADVISORS	278	0.1	284	0.1	6	2.16
22631399	TEACHERS, INSTRUCTORS(NO DETAIL)	1569	0.5	1644	0.5	75	4.78
22631500	LIBRARIANS, CURATORS	1227	0.4	1231	0.4	4	0.33
22631502	LIBRARIANS, PROFESSIONAL	617	0.2	614	0.2	-3	-0.49
22631505	TECHNICAL ASSISTANTS: LIBRARY	257	0.0	264	0.0	7	2.72
22631508	AUDIO-VISUAL SPECIALISTS	29	0.0	30	0.0	1	3.45
22631511	CURATORS,ARCHIVISTS,MUSEUM TECH	9	0.0	15	0.0	6	66.67
22631514	VOCATIONAL AND EDUC. COUNSELORS	315	0.1	308	0.1	-7	-2.22
22730000	HEALTH PRACTITIONERS,TECHNICIANS	11279	4.0	12491	4.2	1212	10.75
22732100	HEALTH TREATING PRACTITIONERS	966	0.3	1096	0.3	130	13.46
22732102	PHYSICIANS AND SURGEONS	639	0.2	711	0.2	72	11.27
22732105	DENTISTS	249	0.0	287	0.1	38	15.26
22732108	OPTOMETRISTS	69	0.0	87	0.0	18	26.09
22732111	PODIATRISTS	6	0.0	8	0.0	2	33.33
22732114	VETERINARIANS, VET. INSPECTORS	3	0.0	3	0.0	0	0.00
22732300	THERAPISTS	642	0.2	714	0.2	72	11.21
22732302	RESPIRATORY THERAPISTS	201	0.0	213	0.0	12	5.97
22732305	OCCUPATIONAL THERAPISTS	50	0.0	58	0.0	8	16.00
22732308	PHYSICAL THERAPISTS	115	0.0	137	0.0	22	19.13
22732314	SPEECH PATHOLOGISTS,AUDIOLOGISTS	162	0.0	171	0.0	9	5.56
22732317	RECREATION THERAPISTS	87	0.0	105	0.0	18	20.69
22732399	THERAPISTS (NO DETAIL)	27	0.0	30	0.0	3	11.11
22732500	HEALTH CARE MAINTENANCE, TREATING	7412	2.6	8165	2.7	753	10.16
22732502	REGISTERED NURSES	4455	1.6	4866	1.6	411	9.23
22732505	LICENSED PRACTICAL NURSES	1780	0.6	1964	0.6	184	10.34
22732508	EMERGENCY MEDICAL TECHNICIANS	202	0.0	213	0.0	11	5.45

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

AREA : 0 - MONTANA: STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984			PROJ YEAR 1990		
		EMPLOYMENT	PCT OF IND TOTAL	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL	CHANGE IN EMPLOYMENT
22732511	PHYSICIAN'S ASSISTANTS	102	0.0	0.0	115	0.0	13
22732514	DISPENSING & MEASURING OPTICIANS	212	0.0	0.0	248	0.0	36
22732517	PHARMACISTS	459	0.1	0.1	532	0.1	73
22732521	DIETITIANS AND NUTRITIONISTS	162	0.0	0.0	179	0.0	17
22732523	DIETETIC TECHNICIANS	40	0.0	0.0	48	0.0	8
22732900	MED. TECHNICIANS & TECHNOLOGISTS	2259	0.8	0.8	2516	0.8	257
22732902	MED./CLINICAL LAB. TECHNOLOGISTS	482	0.1	0.1	501	0.1	19
22732905	MED./CLINICAL LAB. TECHNICIANS	147	0.0	0.0	176	0.0	29
22732908	DENTAL HYGIENISTS	260	0.0	0.1	301	0.1	41
22732911	MEDICAL RECORDS TECHNICIANS	125	0.0	0.0	137	0.0	12
22732914	NUCLEAR MED. RADIOLOGIC TECHNOL	155	0.0	0.0	163	0.0	8
22732921	RADIOLOGIC TECHNICIANS	212	0.0	0.0	226	0.0	14
22732923	ELECTROENCEPHALOGRAPH TECHN.	19	0.0	0.0	20	0.0	1
22732926	ELECTROCARDIOGRAPH TECHNICIANS	54	0.0	0.0	56	0.0	2
22732928	SURGICAL TECHNICIANS	178	0.0	0.0	184	0.0	6
22732999	OTHER HEALTH PROFESSIONALS, TECHN	627	0.2	0.2	752	0.2	125
22830000	WRITER, ARTIST, ENTERTAIN., ATHLETE	2080	0.7	0.7	2185	0.7	105
22834000	WRITER, ART., ENT., ATH. (SUB-TOTAL)	2080	0.7	0.7	2185	0.7	105
22834001	WRITERS, AUTHORS, AND EDITORS	336	0.1	0.1	358	0.1	22
22834008	PUBLIC RELATIONS SPECIALISTS	206	0.0	0.0	214	0.0	8
22834011	REPORTERS AND CORRESPONDENTS	208	0.0	0.0	217	0.0	9
22834014	BROADCAST NEWS ANALYSTS	59	0.0	0.0	65	0.0	6
22834017	ANNOUNCERS	438	0.1	0.1	440	0.1	2
22834023	PHOTOGRAPHERS	117	0.0	0.0	125	0.0	8
22834026	TV & MOTION PIC. CAMERA OPERATOR	35	0.0	0.0	32	0.0	-3
22834028	BROADCAST TECHNICIANS	83	0.0	0.0	73	0.0	-10
22834035	ARTISTS AND RELATED WORKERS	97	0.0	0.0	110	0.0	13
22834038	DESIGNERS	259	0.0	0.0	280	0.1	21
22834044	MERCHANDISE DISPLAYERS	80	0.0	0.0	96	0.0	16
22834051	MUSICIANS, INSTRUMENTAL	55	0.0	0.0	64	0.0	9
22834056	PRODUCERS, ACTORS, ENTERTAINERS	9	0.0	0.0	10	0.0	1
22834058	ATHLETE, COACH, UMPIRE & RELATED	98	0.0	0.0	101	0.0	3
22930000	OTHER PROFESSIONAL & TECHN. OCC.	1808	0.6	0.6	1886	0.6	78
22939000	OTHER PROF. & TECHN. (SUB-TOTAL)	264	0.1	0.0	276	0.0	12
22939002	AIR TRAFFIC CONTROLLERS	129	0.0	0.0	134	0.0	5
22939008	RADIO OPERATORS	12	0.0	0.0	12	0.0	0
22939099	TECHNICIANS (NO DETAIL)	123	0.0	0.0	130	0.0	7
22939900	PROFESSIONAL/TECHN. (NO DETAIL)	1544	0.5	0.5	1610	0.5	66
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	1544	0.5	0.5	1610	0.5	66
33000000	SALES AND RELATED OCCUPATIONS	30212	10.9	11.4	33561	11.4	3349
33340000	SERVICE SALES OCCUPATIONS	2276	0.8	0.8	2575	0.8	299
33343000	SERVICE SALES OCCUP. (SUB-TOTAL)	2276	0.8	0.8	2575	0.8	299

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

O - MONTANA: STATEWIDE
 - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

AREA INDUSTRY	CODE	OCCUPATION TITLE	BASE YEAR 1984 EMPLOYMENT	PCT OF IND TOTAL	PROJ YEAR 1990 EMPLOYMENT	PCT OF IND TOTAL	CHANGE IN EMPLOYMENT	PERCENT CHANGE
	33343002	SALES AGENTS: INSURANCE	724	0.2	781	0.2	57	7.87
	33343005	BROKERS: REAL ESTATE	96	0.0	102	0.0	6	6.25
	33343008	SALES AGENTS: REAL ESTATE	93	0.0	110	0.0	17	18.28
	33343011	APPRAISERS: REAL ESTATE	71	0.0	75	0.0	4	5.63
	33343014	SALES AGENTS: FINANCIAL SERVICES	332	0.1	411	0.1	79	23.80
	33343017	SALES AGENTS: BUSINESS SERVICES	218	0.0	230	0.0	12	5.50
	33343021	TRAVEL AGENTS	270	0.1	354	0.1	84	31.11
	33343099	SERVICE SALES OCC. (NO DETAIL)	472	0.1	512	0.1	40	8.47
	33940000	COMMODITIES SALES & OTHER SALES	27936	10.1	30986	10.5	3050	10.92
	33949000	COMMODITIES SALES	22520	8.1	25171	8.5	2651	11.77
	33949011	SALES PERSONS: RETAIL	11560	4.1	12789	4.3	1229	10.63
	33949017	COUNTER AND RENTAL CLERKS	1712	0.6	1829	0.6	117	6.83
	33949021	STOCK CLERKS: SALES FLOOR	2813	1.0	3040	1.0	227	8.07
	33949023	CASHIERS	6435	2.3	7513	2.5	1078	16.75
	33949900	OTHER SALES (SUB-TOTAL)	5416	1.9	5815	1.9	399	7.37
	33949999	SALES & RELATED OCC. (NO DETAIL)	5416	1.9	5815	1.9	399	7.37
	44000000	CLERICAL/ADMIN. SUPPORT OCC.	52365	18.9	55460	18.8	3095	5.91
	44350000	INDUSTRY SPECIFIC SUPPORT OCC.	8341	3.0	8761	2.9	420	5.04
	44353100	BANKING, SECURITY, FINANCE, CREDIT	3040	1.1	3091	1.0	51	1.68
	44353102	TELLERS	1551	0.5	1562	0.5	11	0.71
	44353105	NEW ACCOUNTS CLERKS	297	0.1	296	0.1	-1	-0.34
	44353108	TRANSIT CLERKS	86	0.0	82	0.0	-4	-4.65
	44353114	CREDIT AUTHORIZERS	17	0.0	19	0.0	2	11.76
	44353117	CREDIT CHECKERS	85	0.0	90	0.0	5	5.88
	44353121	LOAN AND CREDIT CLERKS	546	0.2	577	0.2	31	5.68
	44353123	ADJUSTMENT CLERKS	261	0.0	260	0.0	-1	-0.38
	44353126	STATEMENT CLERKS	169	0.0	172	0.0	3	1.78
	44353128	BROKERAGE CLERKS	28	0.0	33	0.0	5	17.86
	44353300	INSURANCE OCCUPATIONS	738	0.2	806	0.2	68	9.21
	44353302	INSURANCE ADJUSTERS/INVESTIGATOR	228	0.0	246	0.0	18	7.89
	44353305	INSURANCE APPRAISERS: AUTO	4	0.0	5	0.0	1	25.00
	44353308	INSURANCE EXAMINING CLERKS	9	0.0	9	0.0	0	0.00
	44353311	INSURANCE CLAIMS CLERKS	131	0.0	142	0.0	11	8.40
	44353314	INSURANCE POLICY PROCESS. CLERKS	366	0.1	404	0.1	38	10.38
	44353500	INVESTIGATIVE OCC., EX. INSURANCE	509	0.1	526	0.1	17	3.34
	44353502	WELFARE ELIGIBILITY WORKERS	262	0.0	271	0.0	9	3.44
	44353508	BILL AND ACCOUNT COLLECTORS	247	0.0	255	0.0	8	3.24
	44353700	MUNICIPAL OCCUPATIONS	513	0.1	525	0.1	12	2.34
	44353702	COURT CLERKS	267	0.1	273	0.0	6	2.25
	44353705	MUNICIPAL CLERKS	163	0.0	167	0.0	4	2.45
	44353708	LICENSE CLERKS	83	0.0	85	0.0	2	2.41
	44353800	LODGING AND TRAVEL OCCUPATIONS	118	0.4	126	0.4	8	11.45

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

AREA : 0 - MONTANA: STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

		BASE YEAR 1984		PROJ YEAR 1990			
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL	CHANGE IN EMPLOYMENT	PERCENT CHANGE
CODE	OCCUPATION TITLE						
44233001	TRAVEL CLERKS	40	0.0	43	0.0	3	7.50
44333005	RESERVATION TICKET AGENTS	303	0.1	389	0.1	86	28.38
44333006	HOTEL-DESK CLERKS	775	0.2	814	0.2	39	5.03
44333900	OTHER INDUSTRY SPECIFIC OCC.	2423	0.8	2567	0.8	144	5.94
44333902	LIBRARY ASSISTANTS, BOOKMOBILE	373	0.1	383	0.1	10	2.68
44333904	TEACHER'S AIDES, EDUC. ASSISTANT	1900	0.6	2022	0.6	122	6.42
44333908	ADVERTISING CLERKS	47	0.0	48	0.0	1	2.13
44333911	PROOFREADERS AND COPY MARKERS	32	0.0	33	0.0	1	3.13
44333914	REAL ESTATE CLERKS	71	0.0	81	0.0	10	14.08
44550000	SECRETARIAL/GENERAL OFFICE OCC.	28668	10.3	30716	10.4	2048	7.14
4455100	SECRETARIES	7933	2.8	8858	3.0	925	11.66
4455101	SECRETARIES	7933	2.8	8858	3.0	925	11.66
4455300	GENERAL OFFICE OCCUPATIONS	20735	7.5	21858	7.4	1123	5.42
4455302	STENOGRAPHERS	324	0.1	283	0.1	-41	-12.65
4455305	RECEPTIONISTS, INFORMATION CLERKS	1994	0.7	2371	0.8	377	18.91
4455307	TYPISTS	1686	0.6	1759	0.6	73	4.33
4455314	PERSONNEL CLERKS, EXCEPT PAYROLL	224	0.0	228	0.0	4	1.79
4455321	FILE CLERKS	390	0.1	424	0.1	34	8.72
4455323	ORDER CLERKS: MATERIALS, SERVICE	336	0.1	377	0.1	41	12.20
4455326	PROCUREMENT CLERKS	88	0.0	89	0.0	1	1.14
4455328	STATISTICAL CLERKS	107	0.0	103	0.0	-4	-3.74
4455335	UTILITIES CUSTOMER SERVICE REPS	256	0.0	254	0.0	-2	-0.78
4455338	BOOKKEEPING & ACCOUNTING CLERKS	7323	2.6	7737	2.6	414	5.65
4455341	PAYROLL AND TIMEKEEPING CLERKS	596	0.2	620	0.2	24	4.03
4455344	BILLING, COST AND RATE CLERKS	1071	0.3	1119	0.3	48	4.48
4455347	GENERAL OFFICE CLERKS	6340	2.3	6494	2.2	154	2.43
44650000	DATA PROCESSING, OFFICE MACHINES	2355	0.8	2518	0.8	163	6.92
44656000	DATA PROC.,OFF. MACH.(SUB-TOTAL)	2355	0.8	2518	0.8	163	6.92
44656002	CALCULATING MACHINE OPERATORS	372	0.1	379	0.1	7	1.88
44656005	DUPPLICATING MACHINE OPERATORS	60	0.0	64	0.0	4	6.67
44656011	COMPUTER OPERATORS, EXC. PERIPH.	812	0.2	1021	0.3	209	25.74
44656014	PERIPHERAL EDP EQUIP. OPERATORS	124	0.0	127	0.0	3	2.42
44656017	DATA ENTRY KEYERS, EXC.COMPOSING	780	0.2	709	0.2	-71	-9.10
44656021	DATA ENTRY KEYERS, COMPOSING	43	0.0	45	0.0	2	4.65
44656099	OFFICE MACH. OPERATOR(NO DETAIL)	164	0.0	173	0.0	9	5.49
44750000	COMMUNICATIONS OPERATIONS	3882	1.4	3943	1.3	61	1.57
44757100	COMMUNICATIONS OPERATORS OCC.	906	0.3	914	0.3	8	0.88
44757102	SWITCHBOARD OPERATORS	624	0.2	673	0.2	49	7.85
44757105	DIRECTORY ASSISTANCE OPERATORS	31	0.0	28	0.0	-3	-9.68
44757108	CENTRAL OFFICE OPERATORS	205	0.0	173	0.0	-32	-15.61
44757111	TELEGRAPH AND TELETYPE OPERATORS	46	0.0	40	0.0	-6	-13.04
44757300	MAIL COMMUNICATIONS OCCUPATIONS	2976	1.0	3029	1.0	53	1.78

TABLE C OES INDUSTRY EMPLOYMENT AND PERCENT

RUN DATE 04/08/86

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

PAGE 8

AREA : O - MONTANA: STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES. ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
44757302	MAIL CLERKS, EXC. MAIL MACHINE	205	0.0	208	0.0	3	1.46
44757305	POSTAL MAIL CARRIERS	1451	0.5	1509	0.5	58	4.00
44757308	POSTAL SERVICE CLERKS	1265	0.4	1257	0.4	-8	-0.63
44757311	MESSENGERS	55	0.0	55	0.0	0	0.00
44850000	MATERIAL RECORDING, DISTRIBUTION	5077	1.8	5292	1.8	215	4.23
44850000	MATERIAL REC...DISTR.(SUB-TOTAL)	5077	1.8	5292	1.8	215	4.23
44850002	DISPATCHER:POLICE,FIRE,AMBULANCE	479	0.1	491	0.1	12	2.51
44850005	DISPATCHERS, OTHER	318	0.1	337	0.1	19	5.97
44850008	PRODUCTION, EXPEDITING CLERKS	287	0.1	291	0.1	4	1.39
44850014	METER READERS: UTILITIES	210	0.0	213	0.0	3	1.43
44850017	WEIGHERS, MEASURERS, CHECKERS	47	0.0	50	0.0	3	6.38
44850023	STOCK CLERKS	1600	0.5	1696	0.5	96	6.00
44850026	SALES ORDER FILLERS	439	0.1	468	0.1	29	6.61
44850028	TRAFFIC, SHIPPING CLERKS	1075	0.3	1126	0.3	51	4.74
44850099	MATERIAL WORKERS (NO DETAIL)	622	0.2	620	0.2	-2	-0.32
44950000	ALL OTHER CLERICAL, SUPPORT OCC.	4042	1.4	4230	1.4	188	4.65
44959900	CLERICAL, SUPPORT OCC(SUB-TOTAL)	4042	1.4	4230	1.4	188	4.65
44959999	CLERICAL & SUPPORT (NO DETAIL)	4042	1.4	4230	1.4	188	4.65
55000000	SERVICE OCCUPATIONS	51103	18.5	57097	19.4	5994	11.73
55160000	FIRST LINE SUPERVISORS, MANAGERS	358	0.1	366	0.1	8	2.23
55161000	FIRST LINE SUPERVISOR(SUB-TOTAL)	358	0.1	366	0.1	8	2.23
55161002	FIRE FIGHTING SUPERVISORS	120	0.0	123	0.0	3	2.50
55161005	POLICE AND DETECTIVE SUPERVISORS	238	0.0	243	0.0	5	2.10
55360000	PROTECTIVE SERVICE OCCUPATIONS	4192	1.5	4350	1.4	158	3.77
55363000	PROTECTIVE SERVICE (SUB-TOTAL)	4192	1.5	4350	1.4	158	3.77
55363001	FIRE INSPECTORS	14	0.0	14	0.0	0	0.00
55363008	FIRE FIGHTERS	582	0.2	597	0.2	15	2.58
55363009	POLICE DETECTIVES	131	0.0	136	0.0	5	3.82
55363014	POLICE PATROL OFFICERS	942	0.3	970	0.3	28	2.97
55363017	CORRECTION OFFICERS AND JAILERS	368	0.1	432	0.1	64	17.39
55363021	PARKING ENFORCEMENT OFFICERS	55	0.0	59	0.0	4	7.27
55363023	BAILIFFS	29	0.0	29	0.0	0	0.00
55363031	SHERIFFS, DEPUTIES, US MARSHALL	728	0.2	652	0.2	-76	-10.44
55363035	PRIVATE INVESTIGATOR, DETECTIVE	69	0.0	84	0.0	15	21.74
55363041	FISH AND GAME WARDENS	66	0.0	68	0.0	2	3.03
55363044	CROSSING GUARDS	108	0.0	108	0.0	0	0.00
55363047	GUARDS AND WATCH GUARDS	754	0.2	846	0.2	92	12.20
55363099	PROTECTIVE SERVICE (NO DETAIL)	346	0.1	355	0.1	9	2.60
55560000	FOOD AND BEVERAGE OCCUPATIONS	26964	9.7	30562	10.3	3598	13.34
55565000	FOOD & BEVERAGE OCC.(SUB-TOTAL)	26964	9.7	30562	10.3	3598	13.34
55565002	HOSTS & HOSTESSES	533	0.1	613	0.2	80	15.01
55565005	BARTENDERS	2980	1.0	3390	1.1	410	13.76

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

AREA : O - MONTANA; STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
55565008	WAITERS AND WAITRESSES	6936	2.5	7689	2.6	753	10.86
55565014	DINING ROOM & BARTENDER HELPERS	1117	0.4	1256	0.4	139	12.44
55565021	BAKERS, BREAD AND PASTRY	534	0.1	582	0.2	48	8.99
55565026	COOKS: RESTAURANT	2653	0.9	3053	1.0	400	15.08
55565028	COOKS: INSTITUTION OR CAFETERIA	1267	0.4	1342	0.4	75	5.92
55565030	COOKS: FAST FOOD & SHORT ORDER	2223	0.8	2461	0.8	238	10.71
55565038	FOOD PREPARATION WORKERS	3279	1.1	3670	1.2	391	11.92
55565041	COMB. FOOD PREPARATION, SERVICE	3761	1.3	4674	1.5	913	24.28
55565099	FOOD SERVICE WORKERS (NO DETAIL)	1681	0.6	1832	0.6	151	8.98
55660000	HEALTH SERVICE & RELATED OCC.	5858	2.1	6591	2.2	733	12.51
55666000	HEALTH SERVICE OCC. (SUB-TOTAL)	5858	2.1	6591	2.2	733	12.51
55666002	DENTAL ASSISTANTS	517	0.1	595	0.2	78	15.09
55666005	MEDICAL ASSISTANTS	176	0.0	206	0.0	30	17.05
55666008	NURSING AIDES, ORDERLIES	3855	1.4	4374	1.4	519	13.46
55666014	PSYCHIATRIC AIDES	311	0.1	330	0.1	19	6.11
55666017	PHYSICAL THERAPY ASSISTANTS	128	0.0	146	0.0	18	14.06
55666021	OCCUPATIONAL THERAPY ASSISTANTS	24	0.0	27	0.0	3	12.50
55666023	AMBULANCE DRIVER, ATTENDANTS	69	0.0	73	0.0	4	5.80
55666026	PHARMACY ASSISTANTS	73	0.0	79	0.0	6	8.22
55666099	HEALTH SERVICE WORKER(NO DETAIL)	705	0.2	761	0.2	56	7.94
55760000	BUILDING SERVICES OCCUPATIONS	10106	3.6	11019	3.7	913	9.03
55761000	HOUSEKEEPERS (SUB-TOTAL)	419	0.1	473	0.1	54	12.89
55761008	HOUSEKEEPERS, HOTEL AND MOTEL	419	0.1	473	0.1	54	12.89
55767000	CLEANING/BUILDING (SUB-TOTAL)	9687	3.5	10546	3.5	859	8.87
55767001	JANITOR, PORTER, CLEANER, MAID	8780	3.1	9568	3.2	788	8.97
55767008	PEST CONTROLLERS AND ASSISTANTS	46	0.0	58	0.0	12	26.09
55767099	BUILDING SERVICE (NO DETAIL)	861	0.3	920	0.3	59	6.85
55860000	PERSONAL SERVICES OCCUPATIONS	2237	0.8	2655	0.9	418	18.69
55868000	PERSONAL SERVICES (SUB-TOTAL)	2237	0.8	2655	0.9	418	18.69
55868002	BARBERS	70	0.0	77	0.0	7	10.00
55868005	HAIRDRESSERS AND COSMETOLOGISTS	867	0.3	1079	0.3	212	24.45
55868008	MANICURISTS	3	0.0	4	0.0	1	33.33
55868014	AMUSEMENT & RECREATION ATTENDANT	478	0.1	601	0.2	123	25.73
55868017	GUIDES	25	0.0	35	0.0	10	40.00
55868021	USHERS AND TICKET TAKERS	104	0.0	96	0.0	-8	-7.69
55868023	BAGGAGE PORTERS AND BELLHOPS	90	0.0	89	0.0	-1	-1.11
55868034	SOCIAL SERVICE AIDES	152	0.0	167	0.0	15	9.87
55868038	CHILD CARE WORKERS	448	0.1	507	0.1	59	13.17
55960000	ALL OTHER SERVICE OCCUPATIONS	1388	0.5	1554	0.5	166	11.96
55969000	ALL OTHER SERVICE (SUB-TOTAL)	1388	0.5	1554	0.5	166	11.96
55969999	SERVICE WORKERS (NO DETAIL)	1388	0.5	1554	0.5	166	11.96
66000000	AGRICULTURE, FORESTRY, FISHING	3384	1.2	3265	1.1	-119	-3.52

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

AREA INDUSTRY	CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
			EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
O - MONTANA; STATEWIDE - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS	66270000	FIRST LINE SUPERVISORS, MANAGERS	78	0.0	71	0.0	-7	-8.97
	66272000	FIRST LINE SUPERVISOR(SUB-TOTAL)	78	0.0	71	0.0	-7	-8.97
	66272001	FARM, FORESTRY SUPERVISORS	78	0.0	71	0.0	-7	-8.97
	66370000	SELECTED FORESTRY OCCUPATIONS	1731	0.6	1483	0.5	-248	-14.33
	66373000	SELECTED FORESTRY OCC(SUB-TOTAL)	1731	0.6	1483	0.5	-248	-14.33
	66373002	FALLERS AND BUCKERS	625	0.2	532	0.1	-93	-14.88
	66373005	CHOKE SETTERS	223	0.0	190	0.0	-33	-14.80
	66373008	LOG HANDLING EQUIPMENT OPERATORS	268	0.1	238	0.0	-30	-11.19
	66373011	LOGGING TRACTOR OPERATORS	603	0.2	513	0.1	-90	-14.93
	66373099	ALL OTHER TIMBER CUTTING WORKERS	12	0.0	10	0.0	-2	-16.67
	66970000	OTHER SELECTED AGR., FORESTRY	1575	0.5	1711	0.5	136	8.63
	66979000	OTHER AGR., FORESTRY (SUB-TOTAL)	1237	0.4	1364	0.4	127	10.27
	66979002	FOREST AND CONSERVATION WORKERS	111	0.0	115	0.0	4	3.60
	66979005	NURSERY WORKERS	56	0.0	70	0.0	14	25.00
	66979008	LOG GRADERS AND SCALERS	58	0.0	53	0.0	-5	-8.62
	66979011	GRADERS & SORTERS- AGRICULTURAL	21	0.0	17	0.0	-4	-19.05
	66979014	GARDENERS & GROUNDSKEEPERS	874	0.3	985	0.3	111	12.70
	66979017	ANIMAL CARETAKERS, EXCEPT FARM	117	0.0	124	0.0	7	5.98
	66979900	AGRIC., FOREST, FISH. (NO DETAIL)	338	0.1	347	0.1	9	2.66
	66979999	AGRIC., FOREST, FISH.(NO DETAIL)	338	0.1	347	0.1	9	2.66
	77000000	PRODUCTION, OPERATING, MAINTENANCE	69558	25.1	70080	23.8	522	0.75
	77080000	FIRST LINE SUPERVISORS, MANAGERS	3725	1.3	3753	1.2	28	0.75
	77081000	FIRST LINE SUPERVISOR(SUB-TOTAL)	3725	1.3	3753	1.2	28	0.75
	77081001	BLUE-COLLAR WORKERS SUPERVISORS	3725	1.3	3753	1.2	28	0.75
	77180000	INSPECTORS AND RELATED OCC.	503	0.1	485	0.1	-18	-3.58
	77183000	INSPECTORS & RELATED (SUB-TOTAL)	503	0.1	485	0.1	-18	-3.58
	77183002	PRECISION INSPECTORS, GRADERS	141	0.0	136	0.0	-5	-3.55
	77183004	PRODUCTION INSPECTORS, GRADERS	362	0.1	349	0.1	-13	-3.59
	77280000	MECHANICS, INSTALLERS, REPAIRERS	15715	5.6	16287	5.5	572	3.64
	77285100	INDUSTRIAL MECHANICS, INSTALLERS	5110	1.8	5361	1.8	251	4.91
	77285113	MACHINERY MECHANICS: SEWING MACH	6	0.0	6	0.0	0	0.00
	77285117	MACHINERY MECH.: UNDERGROUND MINE	2	0.0	3	0.0	1	50.00
	77285118	MACHINERY MECHANIC- PLANT	81	0.0	83	0.0	2	2.47
	77285119	ALL OTHER MACHINERY MECHANICS	908	0.3	923	0.3	15	1.65
	77285123	MILLWRIGHTS	314	0.1	294	0.1	-20	-6.37
	77285128	MACHINERY MAINTENANCE WORKERS	402	0.1	391	0.1	-11	-2.74
	77285132	MAINTENANCE REPAIRERS, GENERAL	3397	1.2	3661	1.2	264	7.77
	77285300	MOBILE EQUIPMENT MECHANICS	5489	1.9	5661	1.9	172	3.13
	77285301	AUTO AND MOTORCYCLE MECHANICS	1853	0.6	1961	0.6	108	5.83
	77285305	AUTOMOTIVE BODY, RELATED REPAIRER	597	0.2	630	0.2	33	5.53
	77285311	BUS, TRUCK, HEAVY EQUIP MECHANIC	1138	0.4	1197	0.4	59	5.18
	77285314	HEAVY EQUIPMENT MECHANICS	749	0.2	734	0.2	-15	-2.00

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

0 - MONTANA: STATEWIDE
- TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
77285317	RAIL CAR REPAIRERS	255	0.0	222	0.0	-33	-12.94
77285320	AIRCRAFT MECHANICS	469	0.1	491	0.1	22	4.69
77285321	FARM EQUIPMENT MECHANICS	322	0.1	310	0.1	-12	-3.73
77285328	SMALL ENGINE SPECIALISTS	106	0.0	116	0.0	10	9.43
77285500	COMMUNICATIONS EQUIP. MECHANICS	460	0.1	407	0.1	-53	-11.52
77285502	CENTRAL OFFICE & PBX INSTALLERS	270	0.1	229	0.0	-41	-15.19
77285505	FRAME WIRERS: CENTRAL OFFICE	19	0.0	17	0.0	-2	-10.53
77285511	SIGNAL OR SWITCH MAINTAINERS	79	0.0	69	0.0	-10	-12.66
77285514	RADIO MECHANICS	55	0.0	55	0.0	0	0.00
77285599	OTHER COMMUNICATION MECHANICS	37	0.0	37	0.0	0	0.00
77285700	OTHER ELECTRICAL, ELECTRONIC MECH	2295	0.8	2337	0.7	42	1.83
77285702	TELEPHONE, CABLE TV INSTALLERS	322	0.1	313	0.1	-9	-2.80
77285705	DATA PROCESSING EQUIP. REPAIRERS	30	0.0	55	0.0	25	83.33
77285708	HOME ENTERTAINMENT EQ. REPAIRERS	127	0.0	137	0.0	10	7.87
77285709	HOME APPLIANCE, TOOLS REPAIRERS	332	0.1	349	0.1	17	5.12
77285714	ELECTRIC MOTOR REPAIRERS	30	0.0	32	0.0	2	6.67
77285717	INDUSTRIAL ELECTRONICS REPAIRERS	436	0.1	441	0.1	5	1.15
77285723	ELECTRICAL POWERLINE INSTALLERS	562	0.2	561	0.1	-1	-0.18
77285726	TELEPHONE STATION INSTALLERS	257	0.0	239	0.0	-18	-7.00
77285729	ALL OTHER ELECTRICAL MECHANICS	199	0.0	210	0.0	11	5.53
77285900	OTHER MECHANICS, INSTALLERS	2361	0.8	2521	0.8	160	6.78
77285902	HEATING, A.C., REFRIGERATION MECH.	459	0.1	462	0.1	3	0.65
77285905	PRECISION INSTRUMENT REPAIRERS	87	0.0	87	0.0	0	0.00
77285908	ELECTROMED./BIOMEDICAL REPAIRERS	10	0.0	10	0.0	0	0.00
77285911	ELECTRIC METER INSTALLERS	115	0.0	117	0.0	2	1.74
77285917	WATCHMAKERS	12	0.0	12	0.0	0	0.00
77285921	MUSICAL INSTRUMENT REPAIRERS	34	0.0	37	0.0	3	8.82
77285923	LOCKSMITHS AND SAFE REPAIRERS	1	0.0	1	0.0	0	0.00
77285926	OFFICE MACHINE SERVICER	215	0.0	263	0.0	48	22.33
77285928	MECHANICAL CONTROL INSTALLERS	42	0.0	41	0.0	-1	-2.38
77285935	RIGGERS	17	0.0	17	0.0	0	0.00
77285938	INSTALLERS: MANUFACTURED BLDGS.	134	0.0	148	0.0	14	10.45
77285947	COIN & VENDING MACHINE SERVICERS	71	0.0	89	0.0	18	25.35
77285951	BICYCLE REPAIRERS	22	0.0	24	0.0	2	9.09
77285953	TIRE REPAIRERS AND CHANGERS	442	0.1	487	0.1	45	10.18
77285956	MENDERS: GARMENTS, LINENS	39	0.0	44	0.0	5	12.82
77285999	MECHANICS, INSTALLERS (NO DETAIL)	661	0.2	682	0.2	21	3.18
77380000	CONSTRUCTION TRADES, EXTRACTIVE	10870	3.9	10405	3.5	-465	-4.28
77387100	CONSTR. WORKERS: WALLS, CEILINGS	3010	1.0	2891	0.9	-119	-3.95
77387105	CEILING TILE INSTALLERS	21	0.0	19	0.0	-2	-9.52
77387108	DRYWALL INSTALLERS	72	0.0	68	0.0	-4	-5.56
77387110	CARPENTERS	2869	1.0	2759	0.9	-110	-3.83

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990	
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL
77387111	TAPERS	48	0.0	45	0.0
77387200	CONSTRUCTION WORKERS:ELECTRICITY	1255	0.4	1220	-3
77387202	ELECTRICIANS	1255	0.4	1220	-35
77387300	CONSTR. WORKERS:MASONRY/CONCRETE	628	0.2	593	-35
77387302	BRICK MASONS	111	0.0	101	-10
77387305	STONE MASONS	31	0.0	29	-2
77387308	HARD TILE SETTERS	4	0.0	4	0.00
77387311	CONCRETE AND TERRAZZO FINISHERS	338	0.1	326	-12
77387314	REINFORCING METAL WORKERS	96	0.0	92	-4
77387317	PLASTERERS AND STUCCO MASONS	48	0.0	41	-14.58
77387400	CONSTR. WORKERS: WALL FINISHING	392	0.1	385	-7
77387402	PAINTERS AND PAPERHANGERS	392	0.1	385	-7
77387500	CONSTRUCTION WORKERS: PLUMBING	1033	0.3	1019	-14
77387502	PLUMBER, PIPEFITTER, STEAMFITTER	846	0.3	835	-11
77387505	PIPELAYING FITTERS	70	0.0	71	1.43
77387508	PIPELAYERS	117	0.0	113	-3.42
77387600	CONSTRUCTION WORKERS: FLOORS	52	0.0	56	7.69
77387602	CARPET INSTALLERS	52	0.0	56	7.69
77387700	CONSTRUCTION WRKS: MACHINE-OPER.	1174	0.4	1185	0.94
77387702	AIR HAMMER OPERATORS	44	0.0	42	-2
77387711	HIGHWAY MAINTENANCE WORKERS	1026	0.3	1052	26
77387714	RAIL-TRACK LAYING EQUIP. OPER.	104	0.0	91	-13
77387800	CONSTR. WORKERS: OTHER TRADES	981	0.3	966	-15
77387802	INSULATION WORKERS	106	0.0	102	-4
77387808	ROOFERS	170	0.0	158	-7.06
77387811	GLAZIERS	162	0.0	175	8.02
77387814	STRUCTURAL METAL WORKERS	162	0.0	154	-4.94
77387817	FENCE ERECTORS	104	0.0	105	0.96
77387899	CONSTRUCTION WORKERS (NO DETAIL)	277	0.1	272	-5
77387900	EXTRACTIVE WORKERS	2345	0.8	2090	-255
77387905	BLASTERS AND EXPLOSIVES WORKERS	151	0.0	152	0.66
77387911	ROTARY DRILL OPERATORS	446	0.1	418	-6.28
77387914	DERRICK OPERATORS, OIL & GAS	130	0.0	104	-20.00
77387917	SERVICE UNIT OPERATORS	444	0.1	357	-19.59
77387921	ROUSTABOUTS	839	0.3	670	-169
77387923	ROOF BOLTERS	33	0.0	49	16
77387943	MINE CUTTING MACHINE OPERATORS	134	0.0	173	39
77387999	EXTRACTIVE WORKERS (NO DETAIL)	168	0.0	167	-1
77480000	PRECISION PRODUCTION OCCUPATIONS	3201	1.1	3278	77
77489100	PRECISION METAL WORKERS	1285	0.4	1341	56
77489102	TOOL AND DIE MAKERS	21	0.0	22	1
77489105	PRECISION INSTRUMENT MAKERS	5	0.0	6	1

AREA : 0 - MONTANA: STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
77489108	MACHINISTS	613	0.2	663	0.2	50	8.16
77489114	PATTERN AND MODEL MAKERS: METAL	17	0.0	18	0.0	1	5.88
77489117	PRECISION LAYOUT WORKERS: METAL	3	0.0	4	0.0	1	33.33
77489123	JEWELERS AND SILVERSMITHS	72	0.0	84	0.0	12	16.67
77489132	SHEET METAL WORKERS	516	0.1	508	0.1	-8	-1.55
77489135	BOILERMAKERS	38	0.0	36	0.0	-2	-5.26
77489300	PRECISION WOOD WORKERS	277	0.1	276	0.0	-1	-0.36
77489302	PATTERN AND MODEL MAKERS: WOOD	3	0.0	3	0.0	0	0.00
77489308	WOOD MACHINISTS	60	0.0	57	0.0	-3	-5.00
77489311	CABINETMAKERS & BENCH CARPENTERS	200	0.0	201	0.0	1	0.50
77489314	FURNITURE FINISHERS	14	0.0	15	0.0	1	7.14
77489500	PRECISION TEXTILE, APPAREL	340	0.1	376	0.1	36	10.59
77489502	FABRIC AND APPAREL PATTERNMAKERS	6	0.0	6	0.0	0	0.00
77489505	CUSTOM TAILORS AND SEWERS	87	0.0	95	0.0	8	9.20
77489508	UPHOLSTERERS	125	0.0	148	0.0	23	18.40
77489511	SHOE & LEATHER, PRECISION	21	0.0	23	0.0	2	9.52
77489599	ALL OTHER PRECISION WORKERS	101	0.0	104	0.0	3	2.97
77489700	PRECISION PRINTING WORKERS	172	0.0	197	0.0	25	14.53
77489702	PRECISION TYPESETTERS	46	0.0	43	0.0	-3	-6.52
77489703	PRECISION LITHOGRAPHERS	51	0.0	72	0.0	21	41.18
77489711	BOOKBINDERS	40	0.0	45	0.0	5	12.50
77489799	ALL OTHER PRECISION PRINTING	35	0.0	37	0.0	2	5.71
77489800	PRECISION FOOD WORKERS	831	0.3	774	0.2	-57	-6.86
77489801	BUTCHER, MEATCUTTER, SLAUGHTERER	750	0.2	699	0.2	-51	-6.80
77489805	BAKERS: MANUFACTURING	39	0.0	36	0.0	-3	-7.69
77489808	FOOD BATCHMAKERS	27	0.0	24	0.0	-3	-11.11
77489899	OTHER PRECISION FOOD, TOBACCO	15	0.0	15	0.0	0	0.00
77489900	PRECISION PRECISION WORKERS	296	0.1	314	0.1	18	6.08
77489902	PRECISION FOUNDRY MOLD/CORE	9	0.0	10	0.0	1	11.11
77489905	PRECISION MOLDERS, SHAPERS	27	0.0	27	0.0	0	0.00
77489908	PRECISION PATTERN, MODELMAKERS	7	0.0	8	0.0	1	14.29
77489911	PRECISION DETAIL DESIGN	17	0.0	27	0.0	10	58.82
77489914	PRECISION PHOTOGRAPHIC PROCESS	3	0.0	3	0.0	0	0.00
77489921	PRECISION DENTAL LABORATORY TECH	48	0.0	53	0.0	5	10.42
77489999	PRECISION PRODUCTION (NO DETAIL)	185	0.0	186	0.0	1	0.54
77590000	MACHINE SETTERS AND OPERATORS	5454	1.9	5554	1.8	100	1.83
77591100	CUTTING METAL/PLASTIC MACH. OP.	52	0.0	61	0.0	9	17.31
77591102	SAWING MACH. TOOL SETTER/OP., M/P	2	0.0	3	0.0	1	50.00
77591105	LATHE, TURNING MACH. SETTER/OP., M/P	8	0.0	10	0.0	2	25.00
77591114	GRINDING, BUFFING MACH. SET/OP., M/P	21	0.0	22	0.0	1	4.76
77591117	MACHINE TOOL CUTTING OPER., M/P	21	0.0	26	0.0	5	23.81
77591300	FORMING METAL, PLASTIC MACH. OP.	10	0.0	12	0.0	2	20.00

TABLE C OES INDUSTRY EMPLOYMENT AND PERCENT

RUN DATE 04/08/86

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

PAGE 14

AREA INDUSTRY	CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
			EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
O - MONTANA: - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS	77591305	PRESS, BRAKE MACH. SETTER/OP. M/P	1	0.0	1	0.0	0	0.00
	77591311	EXTRUDING MACH. SETTER/OPER. M/P	1	0.0	1	0.0	0	0.00
	77591321	MACHINE FORMING OPERATORS, M/P	8	0.0	10	0.0	2	25.00
	77591500	COMBINATION TOOL OPERATORS	88	0.0	90	0.0	2	2.27
	77591502	NUMERICAL CONTROL MACH. TOOL, M/P	5	0.0	6	0.0	1	20.00
	77591505	COMBINATION MACH. TOOL SET/OP. M/P	3	0.0	3	0.0	0	0.00
	77591508	COMBINATION MACH. TOOL OPER. M/P	80	0.0	81	0.0	1	1.25
	77591700	SELECTED METAL FABRICATING SET.	333	0.1	369	0.1	36	10.81
	77591714	STRUCTURAL METAL FABRICATORS	333	0.1	369	0.1	36	10.81
	77591900	SELECTED METAL, PLASTIC PROCESS.	86	0.0	94	0.0	8	9.30
	77591905	PLASTIC MOLDING, CASTING OPER.	15	0.0	23	0.0	8	53.33
	77591908	METAL MOLDING, CASTING SETTER/OP.	12	0.0	13	0.0	1	8.33
	77591921	ELECTROLYTIC PLATING OPER. M/P	32	0.0	38	0.0	6	18.75
	77591926	NON-ELECTROLYTIC PLATING OPER. M/P	2	0.0	2	0.0	0	0.00
	77591935	FURNACE OPERATORS AND TENDERS	25	0.0	18	0.0	-7	-28.00
	77592100	ALL OTHER METAL & PLASTIC WORK.	80	0.0	81	0.0	1	1.25
	77592198	OTHER METAL/PLASTIC MACH. OPER.	80	0.0	81	0.0	1	1.25
	77592300	WOODWORKING MACHINE SETTERS, OP.	1043	0.3	961	0.3	-82	-7.86
	77592302	SAWING MACHINE SETTER/OPERATOR	37	0.0	33	0.0	-4	-10.81
	77592305	HEAD SAWYERS	76	0.0	72	0.0	-4	-5.26
	77592308	SAWING MACHINE OPERATOR/TENDER	666	0.2	604	0.2	-62	-9.31
	77592311	WOODWORKING MACHINE SETTER/OPER.	98	0.0	88	0.0	-10	-10.20
	77592314	WOODWORKING MACHINE OPERATORS	166	0.0	164	0.0	-2	-1.20
	77592500	PRINTING, BINDING, & RELATED	521	0.1	574	0.2	53	10.17
	77592512	OFFSET LITHOGRAPHIC PRESS SETTER	115	0.0	122	0.0	7	6.09
	77592515	LETTERPRESS SETTER/OPERATOR	23	0.0	24	0.0	1	4.35
	77592519	ALL OTHER PRINTING PRESS SET/OP.	7	0.0	7	0.0	0	0.00
	77592521	PHOTOENGRAVING PHOTOGRAPHERS	23	0.0	26	0.0	3	13.04
	77592525	BINDERY MACHINE SETTER/OPERATOR	48	0.0	56	0.0	8	16.67
	77592541	TYPESETTING MACH. OPERATOR/TEND.	78	0.0	85	0.0	7	8.97
	77592543	PRINTING PRESS MACHINE OPERATOR	145	0.0	161	0.0	16	11.03
	77592545	PHOTOENGRAVING MACHINE OPERATOR	15	0.0	19	0.0	4	26.67
	77592546	BINDERY MACHINE OPERATOR	58	0.0	64	0.0	6	10.34
	77592599	OTHER PRINTING MACHINE OPERATORS	9	0.0	10	0.0	1	11.11
	77592700	TEXTILE SETTERS, SET-UP OPERATOR	883	0.3	950	0.3	67	7.59
	77592705	TEXTILE MACHINE OPERATORS	3	0.0	3	0.0	0	0.00
	77592717	SEWING MACH. OPERATOR: GARMENT	66	0.0	67	0.0	1	1.52
	77592721	SEWING MACH. OPER.: NON-GARMENT	111	0.0	125	0.0	14	12.61
	77592723	SHOE SEWING MACHINE OPERATOR	17	0.0	17	0.0	0	0.00
	77592726	LAUNDRY, DRYCLEANING MACH. OPER.	569	0.2	617	0.2	48	8.44
	77592728	PRESSING MACH. OPERATOR-TEXTILES	117	0.0	121	0.0	4	3.42
	77592900	OTHER MACHINE SETTERS, OPERATORS	2358	0.8	2362	0.8	4	0.17

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

AREA : O - MONTANA: STATEWIDE
INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
77592905	MOTION PICTURE PROJECTIONISTS	68	0.0	64	0.0	-4	-5.88
77592908	PHOTOGRAPHIC PROCESSING MACH. OP.	52	0.0	64	0.0	12	23.08
77592914	PAPER GOODS MACHINE SETTER/OPER.	10	0.0	11	0.0	1	10.00
77592917	COOKING MACHINE OPER., FOOD/TOB.	21	0.0	15	0.0	-6	-28.57
77592921	ROASTING, DRYING OPER., FOOD/TOB.	164	0.0	156	0.0	-8	-4.88
77592923	FURNACE, KILN, OVEN, KETTLE OPER.	159	0.0	154	0.0	-5	-3.14
77592926	LOW PRESSURE BOILER OPERATOR	35	0.0	28	0.0	-7	-20.00
77592932	DAIRY PROCESSING EQUIP. OPERATOR	83	0.0	89	0.0	6	7.23
77592935	CHEMICAL EQUIP. CONTROLLER/OPER.	38	0.0	36	0.0	-2	-5.26
77592938	CHEMICAL EQUIPMENT TENDER	61	0.0	62	0.0	1	1.64
77592944	CUTTING & SLICING MACHINE OPER.	32	0.0	34	0.0	2	6.25
77592947	PAINTERS: TRANSPORTATION EQUIP.	81	0.0	86	0.0	5	6.17
77592953	COATING, PAINTING MACH. OPER.	147	0.0	135	0.0	-12	-8.16
77592956	CEMENTING, GLUING MACHINE OPER.	36	0.0	46	0.0	10	27.78
77592962	SEPARATING, FILTERING MACH. OP.	405	0.1	425	0.1	20	4.94
77592965	CRUSHING & MIXING MACHINE OPER.	87	0.0	77	0.0	-10	-11.49
77592971	EXTRUDING, FORMING OPERATOR	305	0.1	281	0.1	-24	-7.87
77592974	PACKAGING, FILLING MACHINE OPER.	54	0.0	57	0.0	3	5.56
77592997	ALL OTHER MACHINE SETTERS/OPER.	506	0.1	523	0.1	17	3.36
77592998	MACHINE OPERATORS (NO DETAIL)	1668	0.6	1834	0.6	166	9.95
77690000	ASSEMBLERS, HAND WORKING OCC.	76	0.0	89	0.0	13	17.11
77693100	PRECISION ASSEMBLERS	3	0.0	3	0.0	0	0.00
77693102	AIRCRAFT STRUCTURE ASSEMBLY	2	0.0	2	0.0	0	0.00
77693105	MACHINE BUILDERS	18	0.0	20	0.0	2	11.11
77693108	PRECISION STRUCT. METAL FITTERS	3	0.0	8	0.0	5	166.67
77693111	ELECTROMECHANICAL EQ. ASSEMBLER	50	0.0	56	0.0	6	12.00
77693199	PRECISION ASSEMBLERS (NO DETAIL)	1592	0.5	1745	0.5	153	9.61
77693900	OTHER HAND WORKERS & ASSEMBLERS	71	0.0	103	0.0	32	45.07
77693905	ELECTRICAL, ELECTRONIC ASSEMBLER	3	0.0	8	0.0	5	166.67
77693908	COIL WINDERS, TAPERS, FINISHERS	864	0.3	867	0.3	3	0.35
77693914	WELDERS AND CUTTERS	19	0.0	20	0.0	1	5.26
77693921	PRESSERS, HAND	7	0.0	7	0.0	0	0.00
77693923	SEWERS, HAND	7	0.0	9	0.0	2	28.57
77693926	CUTTERS AND TRIMMERS, HAND	2	0.0	2	0.0	0	0.00
77693928	PORTABLE MACHINE CUTTERS	4	0.0	5	0.0	1	25.00
77693935	CANNERY WORKERS	65	0.0	40	0.0	-25	-38.46
77693938	MEAT, POULTRY, FISH CUTTERS	24	0.0	18	0.0	-6	-25.00
77693941	METAL POURERS, BASIC SHAPES	3	0.0	3	0.0	0	0.00
77693944	MOLDERS AND CASTERS, HAND	10	0.0	11	0.0	1	10.00
77693947	PAINTING AND COATING, HAND	338	0.1	421	0.1	83	24.56
77693956	ASSEMBLERS AND FABRICATORS	175	0.0	231	0.0	56	32.00
77693999	ASSEMBLERS, HAND WORK. (NO DETAIL)						

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

0 - MONTANA: STATEWIDE
- TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

BASE YEAR 1984 PROJ YEAR 1990

CODE	OCCUPATION TITLE	EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL	CHANGE IN EMPLOYMENT	PERCENT CHANGE
77790000	PLANT AND SYSTEM OCCUPATIONS	1127	0.4	1109	0.3	-18	-1.60
77795000	PLANT & SYSTEM OCC. (SUB-TOTAL)	1127	0.4	1109	0.3	-18	-1.60
77795002	WATER & WASTE TREAT. PLANT OPER.	375	0.1	378	0.1	3	0.80
77795008	CHEMICAL PLANT AND SYSTEM OPER.	34	0.0	32	0.0	-2	-5.88
77795014	PETROLEUM REFINERY OPERATORS	171	0.0	160	0.0	-11	-6.43
77795017	GAUGERS	7	0.0	8	0.0	1	14.29
77795023	AUXILIARY EQUIP. OPER., POWER	95	0.0	80	0.0	-15	-15.79
77795028	POWER DISTRIBUTORS & DISPATCHERS	20	0.0	18	0.0	-2	-10.00
77795032	STATIONARY ENGINEERS	133	0.0	132	0.0	-1	-0.75
77795039	PLANT AND SYSTEM OCC. (NO DETAIL)	292	0.1	301	0.1	9	3.08
77890000	TRANSPORTATION, MATERIAL MOVING	16957	6.1	17377	5.9	420	2.48
77897100	MOTOR VEHICLE OPERATORS	10385	3.7	10986	3.7	601	5.79
77897101	TRUCK DRIVERS	8688	3.1	9093	3.0	405	4.66
77897108	BUS DRIVERS	281	0.1	305	0.1	24	8.54
77897111	BUS DRIVERS: SCHOOL	1313	0.4	1477	0.5	164	12.49
77897114	TAXI DRIVERS AND CHAUFFEURS	103	0.0	111	0.0	8	7.77
77897300	RAIL TRANSPORTATION WORKERS	1280	0.4	1183	0.4	-97	-7.58
77897302	RAILROAD CONDUCTORS, YARDMASTERS	367	0.1	347	0.1	-20	-5.45
77897305	LOCOMOTIVE ENGINEERS	160	0.0	157	0.0	-3	-1.88
77897308	RAIL YARD ENGINEERS, DINKEY OPER.	158	0.0	151	0.0	-7	-4.43
77897311	LOCOMOTIVE FIRERS	38	0.0	22	0.0	-16	-42.11
77897317	RAILROAD BRAKE, SIGNAL, SWITCH	557	0.2	506	0.1	-51	-9.16
77897700	AIR TRANSPORTATION WORKERS	156	0.0	154	0.0	-2	-1.28
77897702	AIRCRAFT PILOTS, FLIGHT ENGINEERS	156	0.0	154	0.0	-2	-1.28
77897800	ALL OTHER TRANSPORTATION WORKERS	1086	0.3	1118	0.3	32	2.95
77897805	SERVICE STATION ATTENDANTS	918	0.3	931	0.3	13	1.42
77897808	PARKING LOT ATTENDANTS	12	0.0	16	0.0	4	33.33
77897899	ALL OTHER TRANSPORTATION	156	0.0	171	0.0	15	9.62
77897900	MATERIAL MOVING EQUIPMENT OPER.	4050	1.4	3936	1.3	-114	-2.81
77897905	TANK CAR AND TRUCK LOADERS	16	0.0	14	0.0	-2	-12.50
77897908	OIL PUMPS, EXCEPT WELL HEAD	88	0.0	75	0.0	-13	-14.77
77897911	WELL HEAD PUMPS	203	0.0	172	0.0	-31	-15.27
77897932	UNDERGROUND LOADING MACH. OPER.	327	0.1	335	0.1	8	2.45
77897938	GRADER, DOZER, SCRAPER OPER.	392	0.1	389	0.1	-3	-0.77
77897940	HOIST, WINCH, CRANE OPERATORS	212	0.0	193	0.0	-19	-8.96
77897947	INDUSTRIAL TRUCK/TRACTOR OPER.	935	0.3	918	0.3	-17	-1.82
77897951	CONVEYOR OPERATORS AND TENDERS	285	0.1	271	0.0	-14	-4.91
77897956	OPERATING ENGINEERS	1253	0.4	1220	0.4	-33	-2.63
77897989	MATERIAL MOVING OPER. (NO DETAIL)	339	0.1	349	0.1	10	2.95
77990000	HELPERS, LABORERS, HAND MOVERS	10338	3.7	9998	3.4	-340	-3.29
77998300	CONSTRUCTION, EXTRACTIVE HELPERS	1290	0.4	1184	0.4	-106	-8.22
77998301	HELPERS: CONSTRUCTION	1263	0.4	1159	0.3	-104	-8.23

DISTRIBUTION BY OCCUPATION, 1984 AND PROJECTED 1990

AREA : O - MONTANA: STATEWIDE
 INDUSTRY : - TOTAL ALL INDUSTRIES, ALL CLASSES OF WORKERS

CODE	OCCUPATION TITLE	BASE YEAR 1984		PROJ YEAR 1990		CHANGE IN EMPLOYMENT	PERCENT CHANGE
		EMPLOYMENT	PCT OF IND TOTAL	EMPLOYMENT	PCT OF IND TOTAL		
77998323	HELPERS:EXTRACTIVE WORKERS	27	0.0	25	0.0	-2	-7.41
77998500	MACHINE OPERATOR HELPERS	1264	0.4	1153	0.3	-111	-8.78
77998502	MACHINE FEEDERS AND OFFBEARERS	1264	0.4	1153	0.3	-111	-8.78
77998700	HAND FREIGHT & MATERIAL MOVERS	1859	0.6	1879	0.6	20	1.08
77998705	REFUSE COLLECTORS	360	0.1	370	0.1	10	2.78
77998799	HAND MATERIAL MOVERS (NO DETAIL)	1499	0.5	1509	0.5	10	0.67
77998900	OTHER HAND WORKING OCCUPATIONS	5925	2.1	5782	1.9	-143	-2.41
77998902	HAND PACKERS AND PACKAGERS	567	0.2	558	0.1	-9	-1.59
77998905	VEHICLE, EQUIPMENT CLEANERS	458	0.1	501	0.1	43	9.39
77998999	HAND LABORERS (NO DETAIL)	4900	1.7	4723	1.6	-177	-3.61

AVERAGE ANNUAL OPENINGS
MONTANA - STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
TOTAL - ALL OCCUPATIONS				
TOTAL - MANAGERIAL & ADMINISTRATIVE OCCUPATIONS				
11313002	FINANCIAL MANAGERS	25	73	98
11313005	PERSONNEL, TRAINING, LABOR REL. MGR	2	6	8
11313008	PURCHASING MANAGERS	9	25	34
11313011	MARKETING, ADV., PUB. REL. MGRS	8	27	35
11313014	ADMINISTRATIVE SERVICES MANAGER	4	11	15
11313017	ENGINEERING, MATH., NAT. SCI. MGR	0	1	1
11515002	POSTMASTERS, MAIL SUPERINTENDENT	1	9	10
11515005	EDUCATION ADMINISTRATORS	5	30	35
11515008	MEDICINE AND HEALTH SERV. MGRS	5	9	14
11515011	PROPERTY, REAL ESTATE MANAGEMENT	0	0	0
11515014	INDUSTRIAL PRODUCTION MANAGERS	0	2	2
11515017	CONSTRUCTION MANAGERS	4	19	15
11515021	MINING, QUARRY, OIL DRILL. MGRS	0	6	6
11515023	COMMUNICATION, TRANSP., UTIL. MGRS	6	7	13
11515026	FOOD SERVICE & LODGING MANAGERS	26	49	75
11919002	PUBLIC ADMINISTRATION EXECUTIVES	2	26	28
11919005	GENERAL MANAGERS AND TOP EXEC.	66	207	273
11919999	MANAGERS & ADMIN. (NO DETAIL)	12	82	94

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984-1990

DES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
	TOTAL - PROFESSIONAL, PARAPROFESSIONAL, TECHNICAL	712	1,791	2,503
22021102	UNDERWRITERS	1	7	8
22021111	TAX PREPARERS	13	8	21
22021114	ACCOUNTANTS AND AUDITORS	32	87	119
22021199	FINANCIAL SPECIALISTS(NO DETAIL)	1	6	7
22021302	WHOLESALE AND RETAIL BUYERS	9	36	45
22021308	PURCHASING AGENTS	2	10	12
22021502	CLAIMS TAKERS, UNEMPLOY.BENEFITS	1	3	4
22021505	SPECIAL AGENTS, INSURANCE	1	5	6
22021508	EMPLOYMENT INTERVIEWERS	11	5	16
22021511	PERSONNEL, LABOR REL. SPECIALIST	2	17	19
22021902	COST ESTIMATORS	1-	10	9
22021908	CONSTRUCTION, BUILDING INSPECTOR	1	8	9
22021911	COMPLIANCE OFFICERS & INSPECTORS	2	13	15
22021914	TAX EXAMINERS AND COLLECTORS	1	6	7
22021917	ASSESSORS	2	24	26
22021921	CLAIMS EXAMINERS: INSURANCE	0	1	1
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	8	80	88
22122102	AERONAUTICAL & ASTRO. ENGINEERS	0	0	0
22122105	METALLURGISTS & MATERIAL ENGRS	1	1	2
22122108	MINING ENGINEERS, INCL. SAFETY	5	4	9
22122111	PETROLEUM ENGINEERS	1	1	2
22122114	CHEMICAL ENGINEERS	2	1	3
22122117	NUCLEAR ENGINEERS	0	0	0
22122121	CIVIL ENGINEERS, INCL. TRAFFIC	4	17	21
22122126	ELECTRICAL/ELECTRONIC ENGINEERS	9	5	14
22122128	INDUSTRIAL ENGINEERS, EXC.SAFETY	0	1	1
22122132	SAFETY ENGINEERS, EXCEPT MINING	0	1	1
22122135	MECHANICAL ENGINEERS	1	4	5
22122199	ENGINEERS (NO DETAIL)	1	2	3
22122301	ARCHITECTS	3	7	10
22122309	SURVEYORS	4	12	16
22122502	CIVIL ENGINEERING TECHNICIANS	3	7	10
22122505	ELECTRICAL & ELECTRONIC TECHNS.	4	5	9
22122511	MECHANICAL ENGINEERING TECHN.	5	0	0
22122512	DRAFTERS	5	16	21
22122599	ENGINEERING TECHN. (NO DETAIL)	1-	6	5
22224102	PHYSICISTS AND ASTRONOMERS	0	0	0
22224105	CHEMISTS	0	3	3
22224108	METEOROLOGISTS	0	0	0
22224111	GEOPHYSICISTS	7	7	14
22224199	PHYSICAL SCIENTISTS (NO DETAIL)	1	4	5
22224302	FORESTER, CONSERVATION SCIENTIST	0	6	6
22224305	AGRICULTURAL & FOOD SCIENTISTS	1	2	3
22224308	BIOLOGICAL SCIENTISTS	2	6	8
22224311	MEDICAL SCIENTISTS	0	0	0
22224399	LIFE SCIENTISTS (NO DETAIL)	1	4	5
22224511	PETROLEUM TECHNICIANS	0	0	0
22224599	PHYS/LIFE SCI. TECHN.(NO DETAIL)	5	9	14

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984 - 1990

OE MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
22325102	SYSTEMS ANALYSTS-DATA PROCESSING	13	4	17
22325104	COMPUTER PROGRAMMERS & AIDES	18	22	40
22325111	PROGRAMMERS: TOOL, NUMERICAL	0	0	0
22325312	STATISTICIANS	0	0	0
22325313	ACTUARIES	0	0	0
22325319	ALL OTHER MATH. SCIENTISTS	0	0	0
22427102	ECONOMISTS, MARKET ANALYSTS	1	1	1
22427105	URBAN AND REGIONAL PLANNERS	1	2	3
22427108	PSYCHOLOGISTS	4	5	9
22427199	SOCIAL SCIENTISTS (NO DETAIL)	2	3	5
22427310	SOCIAL WORKERS	20	43	63
22427311	RECREATION WORKERS	6	8	14
22427502	CLERGY	6	14	20
22427505	DIRECTORS:RELIGIOUS ACTIV./EDUC.	5	13	18
22528101	JUDGES, MAGISTRATES, ADJUDICATOR	1	8	9
22528108	LAWYERS	17	48	65
22528302	LAW CLERKS	1	5	6
22528305	PARALEGAL PERSONNEL	7	8	15
22528306	TITLE EXAMINERS AND CLERKS	2	6	8
22528399	LEGAL OCCUPATIONS (NO DETAIL)	0	1	1
22631101	COLLEGE & UNIVERSITY FACULTY	10	7	17
22631117	GRADUATE ASSISTANTS, TEACHING	8-	16	8
22631202	LIFE SCIENCES TEACHERS	1	8	9
22631204	CHEMISTRY TEACHERS	0	2	2
22631206	PHYSICS TEACHERS	0	2	2
22631209	ALL OTHER PHYS. SCIENCES TEACHER	0	1	1
22631210	SOCIAL SCIENCES TEACHERS	1	6	7
22631212	HEALTH SPECIALTIES TEACHERS	0	1	1
22631216	ENGLISH & FOREIGN LANGUAGE TEACH	1	6	7
22631218	ART, DRAMA, AND MUSIC TEACHERS	1	5	6
22631222	ENGINEERING TEACHERS	1	3	4
22631224	MATHEMATICAL SCIENCES TEACHERS	1	3	4
22631226	COMPUTER SCIENCE TEACHERS	0	2	2
22631299	ALL OTHER POSTSECONDARY TEACHERS	3	17	20
22631301	TEACHERS: PRESCHOOL	23	28	51
22631304	TEACHERS: ELEMENTARY SCHOOL	106	182	288
22631308	TEACHERS: SECONDARY SCHOOL	17	112	129
22631314	TEACHERS: VOCATIONAL EDUCATION	14	26	40
22631317	INSTRUCTORS: NONVOCATIONAL EDUC.	13	23	36
22631321	INSTRUCTORS AND COACHES: SPORTS	28	32	60
22631323	FARM & HOME MANAGEMENT ADVISORS	1	7	8
22631399	TEACHERS: INSTRUCTORS(NO DETAIL)	13	87	100
22631502	LIBRARIANS, PROFESSIONAL	0	26	26
22631505	TECHNICAL ASSISTANTS: LIBRARY	1	5	6
22631508	AUDIO-VISUAL SPECIALISTS	0	1	1
22631511	CURATORS,ARCHIVISTS,MUSEUM TECH	1	0	1
22631514	VOCATIONAL AND EDUC. COUNSELORS	0	9	9
22732102	PHYSICIANS AND SURGEONS	12	21	21
22732105	DENTISTS	6	5	11
22732108	OPTOMETRISTS	3	3	6

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984-1990

DES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
22732111	PODIATRISTS	0	0	0
22732114	VETERINARIANS, VET. INSPECTORS	0	0	0
22732302	RESPIRATORY THERAPISTS	2	6	8
22732305	OCCUPATIONAL THERAPISTS	1	2	3
22732308	PHYSICAL THERAPISTS	4	4	8
22732314	SPEECH PATHOLOGISTS,AUDIOLOGISTS	2	5	7
22732317	RECREATION THERAPISTS	3	3	6
22732399	THERAPISTS (NO DETAIL)	1	1	2
22732502	REGISTERED NURSES	69	179	248
22732505	LICENSED PRACTICAL NURSES	31	80	111
22732508	EMERGENCY MEDICAL TECHNICIANS	2	7	9
22732511	PHYSICIAN'S ASSISTANTS	2	3	5
22732514	DISPENSING & MEASURING OPTICIANS	6	7	13
22732517	PHARMACISTS	12	26	38
22732521	DIETITIANS AND NUTRITIONISTS	3	7	10
22732523	DIETETIC TECHNICIANS	1	1	2
22732902	MED./CLINICAL LAB. TECHNOLOGISTS	3	14	17
22732905	MED./CLINICAL LAB. TECHNICIANS	5	5	10
22732908	DENTAL HYGIENISTS	7	10	17
22732911	MEDICAL RECORDS TECHNICIANS	2	6	8
22732914	NUCLEAR MED, RADIOLOGIC TECHNOL	1	5	6
22732921	RADIOLOGIC TECHNICIANS	2	7	9
22732923	ELECTROENCEPHALOGRAPH TECHN.	0	1	1
22732926	ELECTROCARDIOGRAPH TECHNICIANS	0	1	1
22732928	SURGICAL TECHNICIANS	1	5	6
22732999	OTHER HEALTH PROFESSIONALS,TECHN	21	21	42
22834001	WRITERS, AUTHORS, AND EDITORS	4	11	15
22834008	PUBLIC RELATIONS SPECIALISTS	1	7	8
22834011	REPORTERS AND CORRESPONDENTS	2	7	9
22834014	BROADCAST NEWS ANALYSTS	1	1	2
22834017	ANNOUNCERS	0	5	5
22834023	PHOTOGRAPHERS	1	3	4
22834026	TV & MOTION PIC. CAMERA OPERATOR	0	0	0
22834028	BROADCAST TECHNICIANS	1-	1	0
22834035	ARTISTS AND RELATED WORKERS	2	4	6
22834038	DESIGNERS	4	7	11
22834044	MERCHANDISE DISPLAYERS	3	3	6
22834051	MUSICIANS, INSTRUMENTAL	2	2	4
22834056	PRODUCERS, ACTORS, ENTERTAINERS	0	0	0
22834058	ATHLETE, COACH, UMPIRE & RELATED	1	3	4
22939002	AIR TRAFFIC CONTROLLERS	1	3	4
22939008	RADIO OPERATORS	0	0	0
22939099	TECHNICIANS (NO DETAIL)	1	4	5
22939999	PROFESSIONAL/TECHN. (NO DETAIL)	11	40	51

AVERAGE ANNUAL OPENINGS
MONTANA - STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
	TOTAL - SALES AND RELATED OCCUPATIONS	561	1,240	1,801
33343002	SALES AGENTS: INSURANCE	10	25	35
33343005	BROKERS: REAL ESTATE	1	6	7
33343008	SALES AGENTS: REAL ESTATE	3	6	9
33343011	APPRAISERS: REAL ESTATE	1	4	5
33343014	SALES AGENTS: FINANCIAL SERVICES	13	15	28
33343017	SALES AGENTS: BUSINESS SERVICES	2	7	9
33343021	TRAVEL AGENTS	14	13	27
33343099	SERVICE SALES OCC. (NO DETAIL)	7	21	28
33949011	SALES PERSONS: RETAIL	205	495	700
33949017	COUNTER AND RENTAL CLERKS	20	62	82
33949021	STOCK CLERKS: SALES FLOOR	38	48	86
33949023	CASHIERS	180	243	423
33949999	SALES & RELATED OCC. (NO DETAIL)	67	295	362

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984-1990

QES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
	TOTAL - CLERICAL AND ADMIN. SUPPORT OCCUPATIONS	529	1,797	2,326
44353102	TELLERS	2	48	50
44353105	NEW ACCOUNTS CLERKS	0	9	9
44353108	TRANSIT CLERKS	0	3	3
44353114	CREDIT AUTHORIZERS	0	1	1
44353117	CREDIT CHECKERS	1	3	4
44353121	LOAN AND CREDIT CLERKS	5	20	25
44353123	ADJUSTMENT CLERKS	0	9	9
44353126	STATEMENT CLERKS	1	6	7
44353128	BROKERAGE CLERKS	1	1	2
44353302	INSURANCE ADJUSTERS/INVESTIGATOR	3	7	10
44353305	INSURANCE APPRAISERS: AUTO	0	0	0
44353308	INSURANCE EXAMINING CLERKS	0	0	0
44353311	INSURANCE CLAIMS CLERKS	2	5	7
44353314	INSURANCE POLICY PROCESS. CLERKS	6	14	20
44353502	WELFARE ELIGIBILITY WORKERS	2	11	13
44353508	BILL AND ACCOUNT COLLECTORS	1	9	10
44353702	COURT CLERKS	1	10	11
44353705	MUNICIPAL CLERKS	1	7	8
44353708	LICENSE CLERKS	0	3	3
44353802	TRAVEL CLERKS	1	2	3
44353805	RESERVATION TICKET AGENTS	14	9	23
44353808	HOTEL DESK CLERKS	7	34	41
44353902	LIBRARY ASSISTANTS, BOOKMOBILE	2	11	13
44353904	TEACHER'S AIDES, EDUC. ASSISTANT	20	62	82
44353908	ADVERTISING CLERKS	0	2	2
44353911	PROOFREADERS AND COPY MARKERS	0	1	1
44353914	REAL ESTATE CLERKS	2	3	5
44555101	SECRETARIES	154	266	420
44555302	STENOGRAPHERS	6-	12	6
44555305	RECEPTIONISTS, INFORMATION CLERKS	63	83	146
44555307	TYPISTS	12	55	67
44555314	PERSONNEL CLERKS, EXCEPT PAYROLL	1	9	10
44555321	FILE CLERKS	6	15	21
44555323	ORDER CLERKS: MATERIALS, SERVICE	7	13	20
44555326	PROCUREMENT CLERKS	0	2	2
44555328	STATISTICAL CLERKS	0	4	4
44555335	UTILITIES CUSTOMER SERVICE REPS	0	8	8
44555338	BOOKKEEPING & ACCOUNTING CLERKS	69	279	348
44555341	PAYROLL AND TIMEKEEPING CLERKS	4	22	26
44555344	BILLING, COST AND RATE CLERKS	8	37	45
44555347	GENERAL OFFICE CLERKS	26	229	255
44656002	CALCULATING MACHINE OPERATORS	1	12	13
44656005	DUPPLICATING MACHINE OPERATORS	1	2	3
44656011	COMPUTER OPERATORS, EXC. PERIPH.	35	12	47
44656014	PERIPHERAL EDP EQUIP. OPERATORS	1	3	4
44656017	DATA ENTRY KEYERS, EXC. COMPOSING	11-	23	12
44656021	DATA ENTRY KEYERS, COMPOSING	0	1	1
44656099	OFFICE MACH. OPERATOR(NO DETAIL)	2	6	8

AVERAGE ANNUAL OPENINGS
MONTANA - STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
44757102	SWITCHBOARD OPERATORS	8	26	34
44757105	DIRECTORY ASSISTANCE OPERATORS	0	1	1
44757108	CENTRAL OFFICE OPERATORS	4-	7	3
44757111	TELEGRAPH AND TELETYPE OPERATORS	0	2	2
44757302	MAIL CLERKS, EXC. MAIL MACHINE	1	8	9
44757305	POSTAL MAIL CARRIERS	10	33	43
44757308	POSTAL SERVICE CLERKS	0	34	34
44757311	MESSENGERS	0	4	4
44858002	DISPATCHER: POLICE, FIRE, AMBULANCE	2	15	17
44858005	DISPATCHERS, OTHER	3	10	13
44858008	PRODUCTION, EXPEDITING CLERKS	1	9	10
44858014	METER READERS: UTILITIES	1	4	5
44858017	WEIGHERS, MEASURERS, CHECKERS	1	2	3
44858023	STOCK CLERKS	16	46	62
44858026	SALES ORDER FILLERS	5	7	12
44858028	TRAFFIC, SHIPPING CLERKS	9	33	42
44858099	MATERIAL WORKERS (NO DETAIL)	0	20	20
44959999	CLERICAL & SUPPORT (NO DETAIL)	31	153	184

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
	TOTAL - SERVICE OCCUPATIONS	1,006	1,986	2,992
55161002	FIRE FIGHTING SUPERVISORS	1	2	3
55161005	POLICE AND DETECTIVE SUPERVISORS	1	4	5
55363001	FIRE INSPECTORS	0	0	0
55363008	FIRE FIGHTERS	3	9	12
55363009	POLICE DETECTIVES	1	4	5
55363014	POLICE PATROL OFFICERS	5	16	21
55363017	CORRECTION OFFICERS AND JAILERS	11	31	42
55363021	PARKING ENFORCEMENT OFFICERS	1	1	2
55363023	BAILIFFS	0	1	1
55363031	SHERIFFS, DEPUTIES, US MARSHALL	12	22	10
55363035	PRIVATE INVESTIGATOR, DETECTIVE	3	2	5
55363041	FISH AND GAME WARDENS	0	3	3
55363044	CROSSING GUARDS	0	10	10
55363047	GUARDS AND WATCH GUARDS	15	37	52
55363099	PROTECTIVE SERVICE (NO DETAIL)	2	16	18
55565002	HOSTS & HOSTESSES	13	19	32
55565005	BARTENDERS	68	143	211
55565008	WAITERS AND WAITRESSES	126	238	364
55565014	DINING ROOM & BARTENDER HELPERS	23	13	36
55565021	BAKERS, BREAD AND PASTRY	8	21	29
55565026	COOKS: RESTAURANT	67	114	181
55565028	COOKS: INSTITUTION OR CAFETERIA	13	52	65
55565030	COOKS: FAST FOOD & SHORT ORDER	40	74	114
55565038	FOOD PREPARATION WORKERS	65	123	188
55565041	COMB. FOOD PREPARATION, SERVICE	152	169	321
55565099	FOOD SERVICE WORKERS (NO DETAIL)	25	106	131
55666002	DENTAL ASSISTANTS	13	20	33
55666005	MEDICAL ASSISTANTS	5	7	12
55666008	NURSING AIDES, ORDERLIES	87	153	240
55666014	PSYCHIATRIC AIDES	3	12	15
55666017	PHYSICAL THERAPY ASSISTANTS	3	5	8
55666021	OCCUPATIONAL THERAPY ASSISTANTS	1	1	2
55666023	AMBULANCE DRIVER, ATTENDANTS	1	3	4
55666026	PHARMACY ASSISTANTS	1	3	4
55666099	HEALTH SERVICE WORKER(NO DETAIL)	9	23	32
55761008	HOUSEKEEPERS, HOTEL AND MOTEL	9	14	23
55767001	JANITOR, PORTER, CLEANER, MAID	131	291	422
55767008	PEST CONTROLLERS AND ASSISTANTS	2	1	3
55767099	BUILDING SERVICE (NO DETAIL)	10	28	38
55868002	BARBERS	1	5	6
55868005	HAIRDRESSERS AND COSMETOLOGISTS	35	44	79
55868008	MANICURISTS	0	0	0
55868014	AMUSEMENT & RECREATION ATTENDANT	21	21	42
55868017	GUIDES	2	2	4
55868021	USHERS AND TICKET TAKERS	0	2	2
55868023	BAGGAGE PORTERS AND BELLHOPS	0	3	3
55868034	SOCIAL SERVICE AIDES	3	5	8
55868038	CHILD CARE WORKERS	10	26	36
55969999	SERVICE WORKERS (NO DETAIL)	28	87	115

AVERAGE ANNUAL OPENINGS
MONTANA - STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
	TOTAL - AGRICULTURE, FORESTRY.. AND FISHING	13-	91	78
66272001	FARM, FORESTRY SUPERVISORS	0	2	2
66373002	FALLERS AND BUCKERS	15-	14	1-
66373005	CHOKE SETTERS	5-	5	0
66373008	LOG HANDLING EQUIPMENT OPERATORS	4-	4	0
66373011	LOGGING TRACTOR OPERATORS	14-	13	1-
66373099	ALL OTHER TIMBER CUTTING WORKERS	0	0	0
66979002	FOREST AND CONSERVATION WORKERS	1	4	5
66979005	NURSERY WORKERS	2	2	4
66979008	LOG GRADERS AND SCALERS	0	2	2
66979011	GRADERS & SORTERS: AGRICULTURAL	0	1	1
66979014	GARDENERS & GROUNDSKEEPERS	19	29	48
66979017	ANIMAL CARETAKERS, EXCEPT FARM	1	4	5
66979999	AGRIC.. FOREST, FISH.(NO DETAIL)	2	11	13

AVERAGE ANNUAL OPENINGS
MONTANA - STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
	TOTAL - PRODUCTION, OPERATING, MAINTENANCE OCC.	153	2,225	2,378
77081001	BLUE-COLLAR WORKERS SUPERVISORS	5	119	124
77183002	PRECISION INSPECTORS, GRADERS	0	3	3
77183004	PRODUCTION INSPECTORS, GRADERS	1-	11	10
77285113	MACHINERY MECHANICS: SEWING MACH	0	0	0
77285117	MACHINERY MECH.: UNDERGROUND MINE	0	0	0
77285118	MACHINERY MECHANIC: PLANT	0	2	2
77285119	ALL OTHER MACHINERY MECHANICS	3	29	32
77285123	MILLWRIGHTS	2-	8	6
77285128	MACHINERY MAINTENANCE WORKERS	1-	10	9
77285132	MAINTENANCE REPAIRERS, GENERAL	44	319	363
77285301	AUTO AND MOTORCYCLE MECHANICS	18	60	78
77285305	AUTOMOTIVE BODY RELATED REPAIRER	6	12	18
77285311	BUS, TRUCK, HEAVY EQUIP MECHANIC	10	30	40
77285314	HEAVY EQUIPMENT MECHANICS	2-	23	21
77285317	RAIL CAR REPAIRERS	5-	8	3
77285320	AIRCRAFT MECHANICS	4	15	19
77285321	FARM EQUIPMENT MECHANICS	1-	10	9
77285328	SMALL ENGINE SPECIALISTS	2	3	5
77285502	CENTRAL OFFICE & PBX INSTALLERS	6-	3	3-
77285505	FRAME WIRERS: CENTRAL OFFICE	0	0	0
77285511	SIGNAL OR SWITCH MAINTAINERS	1-	3	2
77285514	RADIO MECHANICS	0	1	1
77285599	OTHER COMMUNICATION MECHANICS	0	0	0
77285702	TELEPHONE, CABLE TV INSTALLERS	1-	4	3
77285705	DATA PROCESSING EQUIP. REPAIRERS	4	0	4
77285708	HOME ENTERTAINMENT EQ. REPAIRERS	2	4	6
77285709	HOME APPLIANCE, TOOLS REPAIRERS	3	11	14
77285714	ELECTRIC MOTOR REPAIRERS	0	1	1
77285717	INDUSTRIAL ELECTRONICS REPAIRERS	1	14	15
77285723	ELECTRICAL POWERLINE INSTALLERS	0	7	7
77285726	TELEPHONE STATION INSTALLERS	2-	3	1
77285799	ALL OTHER ELECTRICAL MECHANICS	2	6	8
77285902	HEATING, A.C., REFRIGERATION MECH.	1	11	12
77285905	PRECISION INSTRUMENT REPAIRERS	0	2	2
77285908	ELECTROMED./BIOMEDICAL REPAIRERS	0	0	0
77285911	ELECTRIC METER INSTALLERS	0	3	3
77285917	WATCHMAKERS	0	1	1
77285921	MUSICAL INSTRUMENT REPAIRERS	1	3	4
77285923	LOCKSMITHS AND SAFE REPAIRERS	0	0	0
77285926	OFFICE MACHINE SERVICER	8	4	12
77285928	MECHANICAL CONTROL INSTALLERS	0	1	1
77285935	RIGGERS	0	1	1
77285938	INSTALLERS: MANUFACTURED BLDGS.	2	13	15
77285947	COIN & VENDING MACHINE SERVICERS	3	2	5
77285951	BICYCLE REPAIRERS	0	1	1
77285953	TIRE REPAIRERS AND CHANGERS	8	10	18
77285956	MEENDERS: GARMENTS, LINENS	1	2	3
77285999	MECHANICS, INSTALLERS(NO DETAIL)	4	25	29

AVERAGE ANNUAL OPENINGS
MONTANA - STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
77387105	CEILING TILE INSTALLERS	0	0	0
77387108	DRYWALL INSTALLERS	0	1	1
77387110	CARPENTERS	17-	89	72
77387111	TAPERS	0	1	1
77387202	ELECTRICIANS	5-	24	19
77387302	BRICK MASONS	1-	2	1
77387305	STONE MASONS	0	1	1
77387308	HARD TILE SETTERS	0	0	0
77387311	CONCRETE AND TERRAZZO FINISHERS	1-	7	6
77387314	REINFORCING METAL WORKERS	0	2	2
77387317	PLASTERERS AND STUCCO MASONS	0	1	1
77387402	PAINTERS AND PAPERHANGERS	0	20	20
77387502	PLUMBER, PIPEFITTER, STEAMFITTER	1-	24	23
77387505	PIPELAYING FITTERS	0	2	2
77387508	PIPELAYERS	0	3	3
77387602	CARPET INSTALLERS	1	1	2
77387702	AIR HAMMER OPERATORS	0	1	1
77387711	HIGHWAY MAINTENANCE WORKERS	4	26	30
77387714	RAIL-TRACK LAYING EQUIP. OPER.	1-	2	1
77387802	INSULATION WORKERS	0	2	2
77387808	ROOFERS	1-	3	2
77387811	GLAZIERS	2	4	6
77387814	STRUCTURAL METAL WORKERS	0	3	3
77387817	FENCE ERECTORS	0	3	3
77387899	CONSTRUCTION WORKERS (NO DETAIL)	0	10	10
77387905	BLASTERS AND EXPLOSIVES WORKERS	0	4	4
77387911	ROTARY DRILL OPERATORS	4-	10	6
77387914	DERRICK OPERATORS, OIL & GAS	3-	2	1-
77387917	SERVICE UNIT OPERATORS	14-	8	6-
77387921	ROUSTABOUTS	27-	15	12-
77387923	ROOF BOLTERS	3	1	4
77387943	MINE CUTTING MACHINE OPERATORS	7	3	4
77387999	EXTRACTIVE WORKERS (NO DETAIL)	0	4	10
77489102	TOOL AND DIE MAKERS	0	1	4
77489105	PRECISION INSTRUMENT MAKERS	0	1	1
77489108	MACHINISTS	0	0	0
77489114	PATTERN AND MODEL MAKERS: METAL	8	18	26
77489117	PRECISION LAYOUT WORKERS: METAL	0	0	0
77489123	JEWELERS AND SILVERSMITHS	2	5	7
77489132	SHEET METAL WORKERS	0	11	11
77489135	BOILERMAKERS	0	1	1
77489302	PATTERN AND MODEL MAKERS: WOOD	0	0	0
77489308	WOOD MACHINISTS	0	1	1
77489311	CABINETMAKERS & BENCH CARPENTERS	0	9	9
77489314	FURNITURE FINISHERS	0	1	1
77489502	FABRIC AND APPAREL PATTERNMAKERS	0	0	0
77489505	CUSTOM TAILORS AND SEWERS	1	6	7
77489508	UPHOLSTERERS	4	5	9
77489511	SHOE & LEATHER, PRECISION	0	1	1
77489599	ALL OTHER PRECISION WORKERS	1	6	7

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984 - 1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
77489702	PRECISION TYPESETTERS	0	2	2
77489708	PRECISION LITHOGRAPHERS	4	1	5
77489711	BOOKBINDERS	1	1	2
77489799	ALL OTHER PRECISION PRINTING	0	1	1
77489801	BUTCHER, MEATCUTTER, SLAUGHTERER	8-	23	15
77489805	BAKERS: MANUFACTURING	0	1	1
77489808	FOOD BATCHMAKERS	0	1	1
77489899	OTHER PRECISION FOOD, TOBACCO	0	1	1
77489902	PRECISION FOUNDRY MOLD/CORE	0	0	0
77489905	PRECISION MOLDERS, SHAPERS	0	1	1
77489908	PRECISION PATTERN, MODELMAKERS	0	0	0
77489911	PRECISION DETAIL DESIGN	2	1	3
77489914	PRECISION PHOTOGRAPHIC PROCESS	0	0	0
77489921	PRECISION DENTAL LABORATORY TECH	1	2	3
77489999	PRECISION PRODUCTION (NO DETAIL)	0	6	6
77591102	SAWING MACH. TOOL SETTER/OP., M/P	0	0	0
77591105	LATHE, TURNING MACH. SETTER/OP., M/P	0	0	0
77591114	GRINDING, BUFFING MACH. SET/OP., M/P	0	1	1
77591117	MACHINE TOOL CUTTING OPER., M/P	1	1	2
77591305	PRESS, BRAKE MACH. SETTER/OP., M/P	0	0	0
77591311	EXTRUDING MACH. SETTER/OPER., M/P	0	0	0
77591321	MACHINE FORMING OPERATORS, M/P	0	0	0
77591502	NUMERICAL CONTROL MACH. TOOL, M/P	0	0	0
77591505	COMBINATION MACH. TOOL SET/OP., M/P	0	0	0
77591508	COMBINATION MACH. TOOL OPER., M/P	0	2	2
77591714	STRUCTURAL METAL FABRICATORS	6	9	15
77591905	PLASTIC MOLDING, CASTING OPER.	1	0	1
77591908	METAL MOLDING, CASTING SETTER/OP.	0	0	0
77591921	ELECTROLYTIC PLATING OPER., M/P	1	1	2
77591926	NONELECTROLYTIC PLATING OPER., M/P	0	0	0
77591935	FURNACE OPERATORS AND TENDERS	0	0	0
77592198	OTHER METAL/PLASTIC MACH. OPER.	0	2	2
77592302	SAWING MACHINE SETTER/OPERATOR	0	1	1
77592305	HEAD SAWYERS	0	2	2
77592308	SAWING MACHINE OPERATOR/TENDER	9-	20	11
77592311	WOODWORKING MACHINE SETTER/OPER.	1-	8	7
77592314	WOODWORKING MACHINE OPERATORS	0	4	4
77592512	OFFSET LITHOGRAPHIC PRESS SETTER	1	3	4
77592515	LETTERPRESS SETTER/OPERATOR	0	1	1
77592519	ALL OTHER PRINTING PRESS SET/OP.	0	0	0
77592521	PHOTOENGRAVING PHOTOGRAPHERS	1	1	2
77592525	BINDERY MACHINE SETTER/OPERATOR	1	2	3
77592541	TYPESETTING MACH. OPERATOR/TEND.	1	3	4
77592543	PRINTING PRESS MACHINE OPERATOR	3	4	7
77592545	PHOTOENGRAVING MACHINE OPERATOR	1	1	2
77592546	BINDERY MACHINE OPERATOR	1	2	3
77592599	OTHER PRINTING MACHINE OPERATORS	0	0	0
77592705	TEXTILE MACHINE OPERATORS	0	0	0
77592717	SEWING MACH. OPERATOR: GARMENT	0	3	3
77592721	SEWING MACH. OPER.: NON-GARMENT	2	4	6

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984-1990

OES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
77592723	SHOE SEWING MACHINE OPERATOR	0	1	1
77592726	LAUNDRY, DRYCLEANING MACH. OPER.	8	26	34
77592728	PRESSING MACH. OPERATOR: TEXTILES	1	4	5
77592905	MOTION PICTURE PROJECTIONISTS	0	5	5
77592908	PHOTOGRAPHIC PROCESSING MACH. OP.	2	2	4
77592914	PAPER GOODS MACHINE SETTER/OPER.	0	0	0
77592917	COOKING MACHINE OPER., FOOD/TOB.	0	0	0
77592921	ROASTING, DRYING OPER., FOOD/TOB.	0	1	1
77592923	FURNACE, KILN, OVEN, KETTLE OPER.	0	5	5
77592926	LOW PRESSURE BOILER OPERATOR	0	6	6
77592932	DAIRY PROCESSING EQUIP. OPERATOR	0	1	1
77592935	CHEMICAL EQUIP. CONTROLLER/OPER.	1	2	3
77592938	CHEMICAL EQUIPMENT TENDER	0	1	1
77592944	CUTTING & SLICING MACHINE OPER.	0	2	2
77592947	PAINTERS: TRANSPORTATION EQUIP.	0	1	1
77592953	COATING, PAINTING MACH. OPER.	1	2	3
77592956	CEMENTING, GLUING MACHINE OPER.	1-	4	3
77592962	SEPARATING, FILTERING MACH. OP.	2	1	3
77592965	CRUSHING & MIXING MACHINE OPER.	3	10	13
77592971	EXTRUDING, FORMING OPERATOR	1-	2	1
77592974	PACKAGING, FILLING MACHINE OPER.	3-	7	4
77592997	ALL OTHER MACHINE SETTERS/OPER.	1	1	2
77592998	MACHINE OPERATORS (NO DETAIL)	3	13	16
77693102	AIRCRAFT STRUCTURE ASSEMBLY	0	0	0
77693105	MACHINE BUILDERS	0	0	0
77693108	PRECISION STRUCT. METAL FITTERS	0	1	1
77693111	ELECTROMECHANICAL EQ. ASSEMBLER	1	0	1
77693199	PRECISION ASSEMBLERS (NO DETAIL)	1	1	2
77693905	ELECTRICAL, ELECTRONIC ASSEMBLER	5	2	7
77693908	COIL WINDERS, TAPERS, FINISHERS	1	0	1
77693914	WELDERS AND CUTTERS	1	18	19
77693921	PRESSERS, HAND	0	1	1
77693923	SEWERS, HAND	0	0	0
77693926	CUTTERS AND TRIMMERS, HAND	0	0	0
77693928	PORTABLE MACHINE CUTTERS	0	0	0
77693935	CANNERY WORKERS	0	0	0
77693938	MEAT, POULTRY, FISH CUTTERS	3-	1	2-
77693941	METAL POURERS, BASIC SHAPES	0	0	0
77693944	MOLDERS AND CASTERS, HAND	0	0	0
77693947	PAINTING AND COATING, HAND	0	0	0
77693956	ASSEMBLERS AND FABRICATORS	14	10	24
77693999	ASSEMBLERS, HAND WORK. (NO DETAIL)	9	7	16
77795002	WATER & WASTE TREAT. PLANT OPER.	1	15	16
77795008	CHEMICAL PLANT AND SYSTEM OPER.	0	1	1
77795014	PETROLEUM REFINERY OPERATORS	1-	6	5
77795017	GAUGERS	0	0	0
77795023	AUXILIARY EQUIP. OPER., POWER	2-	3	1
77795028	POWER DISTRIBUTORS & DISPATCHERS	0	1	1
77795032	STATIONARY ENGINEERS	0	5	5
77795099	PLANT AND SYSTEM OCC. (NO DETAIL)	2	7	9

AVERAGE ANNUAL OPENINGS
MONTANA-STATEWIDE
1984 - 1990

DES MATRIX CODE	OCCUPATIONAL TITLE	OPENINGS DUE TO GROWTH	OPENINGS DUE TO SEPARATIONS	OPENINGS PER OCCUPATION
77897101	TRUCK DRIVERS	68	282	350
77897108	BUS DRIVERS	4	9	13
77897111	BUS DRIVERS: SCHOOL	27	44	71
77897114	TAXI DRIVERS AND CHAUFFEURS	1	5	6
77897302	RAILROAD CONDUCTORS, YARDMASTERS	2-	11	9
77897305	LOCOMOTIVE ENGINEERS	0	8	8
77897308	RAIL YARD ENGINEERS, DINKEY OPER.	0	7	7
77897311	LOCOMOTIVE FIRERS	2-	1	1-
77897317	RAILROAD BRAKE, SIGNAL, SWITCH	8-	12	4
77897702	AIRCRAFT PILOTS, FLIGHT ENGINEERS	0	2	2
77897805	SERVICE STATION ATTENDANTS	2	19	21
77897808	PARKING LOT ATTENDANTS	1	1	2
77897899	ALL OTHER TRANSPORTATION	3	5	8
77897905	TANK CAR AND TRUCK LOADERS	0	0	0
77897908	OIL PUMPS, EXCEPT WELL HEAD	1-	3	2
77897911	WELL HEAD PUMPS	4-	7	3
77897932	UNDERGROUND LOADING MACH. OPER.	1	10	11
77897938	GRADER, DOZER, SCRAPER OPER.	0	12	12
77897940	HOIST, WINCH, CRANE OPERATORS	2-	6	4
77897947	INDUSTRIAL TRUCK/TRACTOR OPER.	2-	15	13
77897951	CONVEYOR OPERATORS AND TENDERS	1-	6	5
77897956	OPERATING ENGINEERS	5-	30	25
77897989	MATERIAL MOVING OPER. (NO DETAIL)	2	11	13
77998301	HELPERS: CONSTRUCTION	16-	38	22
77998323	HELPERS: EXTRACTIVE WORKERS	0	1	1
77998502	MACHINE FEEDERS AND OFFBEARERS	18-	32	14
77998705	REFUSE COLLECTORS	2	16	18
77998799	HAND MATERIAL MOVERS (NO DETAIL)	2	37	39
77998902	HAND PACKERS AND PACKAGERS	1-	17	16
77998905	VEHICLE, EQUIPMENT CLEANERS	7	11	18
77998999	HAND LABORERS (NO DETAIL)	29-	133	104

ALPHABETICAL INDEX OF OCCUPATIONS

OES MATRIX CODE	SUMMARY BY OCCUPATION GROUP		
10000000	MANAGERIAL & ADMINISTRATIVE		
20000000	PROFESSIONAL, PARAPROFESSIONAL, TECHNICAL		
30000000	SALES AND RELATED OCCUPATIONS		
40000000	CLERICAL AND ADMIN. SUPPORT OCCUPATIONS		
50000000	SERVICE OCCUPATIONS		
60000000	AGRICULTURE, FORESTRY, AND FISHING		
70000000	PRODUCTION, OPERATING, MAINTENANCE		
***** A *****			
22021114	ACCOUNTANTS AND AUDITORS	77489599	ALL OTHER PRECISION WORKERS
22325313	ACTUARIES	77592519	ALL OTHER PRINTING PRESS SET/OP.
44353123	ADJUSTMENT CLERKS	66373099	ALL OTHER TIMBER CUTTING WORKERS
11313014	ADMINISTRATIVE SERVICES MANAGER	77897899	ALL OTHER TRANSPORTATION
44353908	ADVERTISING CLERKS	55666023	AMBULANCE DRIVER, ATTENDANTS
22122102	AERONAUTICAL & ASTRO. ENGINEERS	55868014	AMUSEMENT & RECREATION ATTENDANT
66979999	AGRIC., FOREST, FISH.(NO DETAIL)	66979017	ANIMAL CARETAKERS, EXCEPT FARM
22224305	AGRICULTURAL & FOOD SCIENTISTS	22834017	ANNOUNCERS
77387702	AIR HAMMER OPERATORS	33343011	APPRAISERS: REAL ESTATE
22939002	AIR TRAFFIC CONTROLLERS	22122301	ARCHITECTS
77285320	AIRCRAFT MECHANICS	22631218	ART, DRAMA, AND MUSIC TEACHERS
77897702	AIRCRAFT PILOTS, FLIGHT ENGINEERS	22834035	ARTISTS AND RELATED WORKERS
77693102	AIRCRAFT STRUCTURE ASSEMBLY	77693956	ASSEMBLERS AND FABRICATORS
77285799	ALL OTHER ELECTRICAL MECHANICS	77693999	ASSEMBLERS, HAND WORK. (NO DETAIL)
77592997	ALL OTHER MACHINE SETTERS/OPER.	22021917	ASSESSORS
77285119	ALL OTHER MACHINERY MECHANICS	22834058	ATHLETE, COACH, UMPIRE & RELATED
22021999	ALL OTHER MANAGEMENT SUPPORT OCC	22631508	AUDIO-VISUAL SPECIALISTS
22325319	ALL OTHER MATH. SCIENTISTS	77285301	AUTO AND MOTORCYCLE MECHANICS
22631209	ALL OTHER PHYS. SCIENCES TEACHER	77285305	AUTOMOTIVE BODY, RELATED REPAIRER
22631299	ALL OTHER POSTSECONDARY TEACHERS	77795023	AUXILIARY EQUIP. OPER., POWER
77489799	ALL OTHER PRECISION PRINTING		
77489599	ALL OTHER PRECISION WORKERS		

ALPHABETICAL INDEX OF OCCUPATIONS

***** B *****

55868023 BAGGAGE PORTERS AND BELLHOPS
 55363023 BAILIFFS
 55565021 BAKERS, BREAD AND PASTRY
 77489805 BAKERS: MANUFACTURING
 55868002 BARBERS
 55565005 BARTENDERS
 77285951 BICYCLE REPAIRERS
 44335308 BILL AND ACCOUNT COLLECTORS
 44552344 BILLING, COST AND RATE CLERKS
 77592546 BINDERY MACHINE OPERATOR
 22224308 BINDERY MACHINE SETTER/OPERATOR
 77387905 BIOLOGICAL SCIENTISTS
 77081001 BLASTERS AND EXPLOSIVES WORKERS
 77489135 BLUE-COLLAR WORKERS SUPERVISORS
 77489711 BOILERMAKERS
 44555338 BOOKBINDERS
 77387302 BOOKKEEPING & ACCOUNTING CLERKS
 22834014 BRICK MASONS
 22834028 BROADCAST NEWS ANALYSTS
 44353128 BROADCAST TECHNICIANS
 33343005 BROKERAGE CLERKS
 55767099 BROKERS: REAL ESTATE
 77897108 BUILDING SERVICE (NO DETAIL)
 77897111 BUS DRIVERS
 77285311 BUS DRIVERS: SCHOOL
 77489801 BUS, TRUCK, HEAVY EQUIP MECHANIC
 BUTCHER, MEATCUTTER, SLAUGHTERER

***** C *****

77489311 CABINETMAKERS & BENCH CARPENTERS
 44656002 CALCULATING MACHINE OPERATORS
 77693935 CANNERY WORKERS
 77387110 CARPENTERS
 77387602 CARPET INSTALLERS
 33949023 CASHIERS
 77387105 CEILING TILE INSTALLERS
 77592956 CEMENTING, GLUING MACHINE OPER.
 77285502 CENTRAL OFFICE & PBX INSTALLERS
 44757108 CENTRAL OFFICE OPERATORS
 22122114 CHEMICAL ENGINEERS
 77592935 CHEMICAL EQUIP. CONTROLLER/OPER.
 77592938 CHEMICAL EQUIPMENT TENDER
 77795008 CHEMICAL PLANT AND SYSTEM OPER.
 22631204 CHEMISTRY TEACHERS
 22224105 CHEMISTS
 55868038 CHILD CARE WORKERS
 66373005 CHOKE SETTERS
 22122502 CIVIL ENGINEERING TECHNICIANS
 22122121 CIVIL ENGINEERS, INCL. TRAFFIC
 22021921 CLAIMS EXAMINERS: INSURANCE
 22021502 CLAIMS TAKERS, UNEMPLOY.BENEFITS
 22427502 CLERGY
 44959999 CLERICAL & SUPPORT (NO DETAIL)
 77592953 COATING, PAINTING MACH. OPER.
 77693908 COIL WINDERS, TAPERS, FINISHERS

77285947 COIN & VENDING MACHINE SERVICERS
 22631101 COLLEGE & UNIVERSITY FACULTY
 55565041 COMB. FOOD PREPARATION, SERVICE
 77591508 COMBINATION MACH.TOOL OPER., M/P
 77591505 COMBINATION MACH.TOOL SET/OP,M/P
 11515023 COMMUNICATION, TRANSP., UTIL.MGRS
 22021911 COMPLIANCE OFFICERS & INSPECTORS
 44656011 COMPUTER OPERATORS, EXC. PERIPH.
 22325104 COMPUTER PROGRAMMERS & AIDES
 22631226 COMPUTER SCIENCE TEACHERS
 77387311 CONCRETE AND TERRAZZO FINISHERS
 11515017 CONSTRUCTION MANAGERS
 77387899 CONSTRUCTION WORKERS (NO DETAIL)
 22021908 CONSTRUCTION, BUILDING INSPECTOR
 77897951 CONVEYOR OPERATORS AND TENDERS
 77592917 COOKING MACHINE OPER., FOOD/TOB.
 55565030 COOKS: FAST FOOD & SHORT ORDER
 55565028 COOKS: INSTITUTION OR CAFETERIA
 55565026 COOKS: RESTAURANT
 55363017 CORRECTION OFFICERS AND JAILERS
 22021902 COST ESTIMATORS
 33949017 COUNTER AND RENTAL CLERKS
 44353702 COURT CLERKS
 44353114 CREDIT AUTHORIZERS
 44353117 CREDIT CHECKERS
 55363044 CROSSING GUARDS
 77592965 CRUSHING & MIXING MACHINE OPER.
 22631511 CURATORS, ARCHIVISTS, MUSEUM TECH
 77489505 CUSTOM TAILORS AND SEWERS
 77693926 CUTTERS AND TRIMMERS, HAND
 77592944 CUTTING & SLICING MACHINE OPER.

***** D *****

77592932 DAIRY PROCESSING EQUIP. OPERATOR
 44656021 DATA ENTRY KEYERS, COMPOSING
 44656017 DATA ENTRY KEYERS, EXC.COMPOSING
 77285705 DATA PROCESSING EQUIP. REPAIRERS
 55666002 DENTAL ASSISTANTS
 22732908 DENTAL HYGIENISTS
 22732105 DENTISTS
 77387914 DERRICK OPERATORS, OIL & GAS
 22834038 DESIGNERS
 22732523 DIETETIC TECHNICIANS
 22732521 DIETITIANS AND NUTRITIONISTS
 55565014 DINING ROOM & BARTENDER HELPERS
 22427505 DIRECTORS: RELIGIOUS ACTIV./EDUC.
 44757105 DIRECTORY ASSISTANCE OPERATORS
 44858002 DISPATCHER: POLICE, FIRE, AMBULANCE
 44858005 DISPATCHERS, OTHER
 22732514 DISPENSING & MEASURING OPTICIANS
 22122512 DRAFTERS
 77387108 DRYWALL INSTALLERS
 44656005 DUPLICATING MACHINE OPERATORS

ALPHABETICAL INDEX OF OCCUPATIONS

***** E *****

22427102 ECONOMISTS, MARKET ANALYSTS
11515005 EDUCATION ADMINISTRATORS
77285911 ELECTRIC METER INSTALLERS
77285714 ELECTRIC MOTOR REPAIRERS
22122505 ELECTRICAL & ELECTRONIC TECHNS.
77285723 ELECTRICAL POWERLINE INSTALLERS
22122126 ELECTRICAL/ELECTRONIC ENGINEERS
77693905 ELECTRICAL, ELECTRONIC ASSEMBLER
77387202 ELECTRICIANS
22732926 ELECTROCARDIOGRAPH TECHNICIANS
22732923 ELECTROENCEPHALOGRAPH TECHN.
77591921 ELECTROLYTIC PLATING OPER., M/P
77693111 ELECTROMECHANICAL EQ. ASSEMBLER
77285908 ELECTROMED./BIOMEDICAL REPAIRERS
22732508 EMERGENCY MEDICAL TECHNICIANS
22021508 EMPLOYMENT INTERVIEWERS
22631222 ENGINEERING TEACHERS
22122599 ENGINEERING TECHN. (NO DETAIL)
11313017 ENGINEERING, MATH., NAT.SCI. MGR
22122199 ENGINEERS (NO DETAIL)
22631216 ENGLISH & FOREIGN LANGUAGE TEACH
77387999 EXTRACTIVE WORKERS (NO DETAIL)
77591311 EXTRUDING MACH. SETTER/OPER.,M/P
77592971 EXTRUDING, FORMING OPERATOR

***** F *****

77489502 FABRIC AND APPAREL PATTERNMAKERS
66373002 FALLERS AND BUCKERS
22631323 FARM & HOME MANAGEMENT ADVISORS
77285321 FARM EQUIPMENT MECHANICS
66272001 FARM, FORESTRY SUPERVISORS
77387817 FENCE ERECTORS
44555321 FILE CLERKS
11313002 FINANCIAL MANAGERS
22021199 FINANCIAL SPECIALISTS(NO DETAIL)
55363008 FIRE FIGHTERS
55161002 FIRE FIGHTING SUPERVISORS
55363001 FIRE INSPECTORS
55363041 FISH AND GAME WARDENS
77489808 FOOD BATCHMAKERS
55565038 FOOD PREPARATION WORKERS
11515026 FOOD SERVICE & LODGING MANAGERS
55565099 FOOD SERVICE WORKERS (NO DETAIL)
66979002 FOREST AND CONSERVATION WORKERS
22224302 FORESTER, CONSERVATION SCIENTIST
77285505 FRAME WIRERS: CENTRAL OFFICE
77591935 FURNACE OPERATORS AND TENDERS
77592923 FURNACE, KILN, OVEN, KETTLE OPER.
77489314 FURNITURE FINISHERS

***** G *****

66979014 GARDENERS & GROUNDSKEEPERS
77795017 GAUGERS

11919005 GENERAL MANAGERS AND TOP EXEC.
44555347 GENERAL OFFICE CLERKS
22224111 GEOPHYSICISTS
77387811 GLAZIERS
77897938 GRADER, DOZER, SCRAPER OPER.
66979011 GRADERS & SORTERS: AGRICULTURAL
22631117 GRADUATE ASSISTANTS, TEACHING
77591114 GRINDING,BUFFING MACH.SET/OP.M/P
55363047 GUARDS AND WATCH GUARDS
55868017 GUIDES

***** H *****

55868005 HAIRDRESSERS AND COSMETOLOGISTS
77998999 HAND LABORERS (NO DETAIL)
77998799 HAND MATERIAL MOVERS (NO DETAIL)
77998902 HAND PACKERS AND PACKAGERS
77387308 HARD TILE SETTERS
77592305 HEAD SAWYERS
55666099 HEALTH SERVICE WORKER(NO DETAIL)
22631212 HEALTH SPECIALTIES TEACHERS
77285902 HEATING,A.C.,REFRIGERATION MECH.
77285314 HEAVY EQUIPMENT MECHANICS
77998301 HELPERS: CONSTRUCTION
77998323 HELPERS:EXTRACTIVE WORKERS
77387711 HIGHWAY MAINTENANCE WORKERS
77897940 HOIST, WINCH, CRANE OPERATORS
77285709 HOME APPLIANCE, TOOLS REPAIRERS
77285708 HOME ENTERTAINMENT EQ. REPAIRERS
55565002 HOSTS & HOSTESSES
44353808 HOTEL DESK CLERKS
55761008 HOUSEKEEPERS, HOTEL AND MOTEL

***** I *****

77285717 INDUSTRIAL ELECTRONICS REPAIRERS
22122128 INDUSTRIAL ENGINEERS, EXC.SAFETY
11515014 INDUSTRIAL PRODUCTION MANAGERS
77897947 INDUSTRIAL TRUCK/TRACTOR OPER.
77285938 INSTALLERS: MANUFACTURED BLDGS.
22631321 INSTRUCTORS AND COACHES: SPORTS
22631317 INSTRUCTORS: NONVOCATIONAL EDUC.
77387802 INSULATION WORKERS
44353302 INSURANCE ADJUSTERS/INVESTIGATOR
44353305 INSURANCE APPRAISERS: AUTO
44353311 INSURANCE CLAIMS CLERKS
44353308 INSURANCE EXAMINING CLERKS
44353314 INSURANCE POLICY PROCESS. CLERKS

***** J *****

55767001 JANITOR, PORTER, CLEANER, MAID
77489123 JEWELERS AND SILVERSMITHS
22528101 JUDGES, MAGISTRATES, ADJUDICATOR

***** L *****

77591105 LATHE, TURNING MACH.SETTER/OP,M/P

77592726	LAUNDRY, DRYCLEANING MACH. OPER.	44858014	METER READERS: UTILITIES
22528302	LAW CLERKS	77285123	MILLWRIGHTS
22528108	LAWYERS	77387943	MINE CUTTING MACHINE OPERATORS
22528399	LEGAL OCCUPATIONS (NO DETAIL)	22122108	MINING ENGINEERS, INCL. SAFETY
77592515	LETTERPRESS SETTER/OPERATOR	11515021	MINING, QUARRY, OIL DRILL. MGRS
22631502	LIBRARIANS, PROFESSIONAL	77693944	MODERN AND CASTERS, HAND
44353902	LIBRARY ASSISTANTS, BOOKMOBILE	77592905	MOTION PICTURE PROJECTIONISTS
44353708	LICENSE CLERKS	44353705	MUNICIPAL CLERKS
22732505	LICENSED PRACTICAL NURSES	77285921	MUSICAL INSTRUMENT REPAIRERS
22631202	LIFE SCIENCES TEACHERS	22834051	MUSICIANS, INSTRUMENTAL
22224399	LIFE SCIENTISTS (NO DETAIL)		
44353121	LOAN AND CREDIT CLERKS		***** N *****
77285923	LOCKSMITHS AND SAFE REPAIRERS		
77897305	LOCOMOTIVE ENGINEERS	44353105	NEW ACCOUNTS CLERKS
77897311	LOCOMOTIVE FIRERS	77591926	Nonelectrolytic plating oper. M/P
66979008	LOG GRADERS AND SCALERS	22122117	NUCLEAR ENGINEERS
66373008	LOG HANDLING EQUIPMENT OPERATORS	22732914	NUCLEAR MED, RADIOLOGIC TECHNOL
66373011	LOGGING TRACTOR OPERATORS	77591502	NUMERICAL CONTROL MACH. TOOL, M/P
77592926	LOW PRESSURE BOILER OPERATOR	66979005	NURSERY WORKERS
		55666008	NURSING AIDES, ORDERLIES
			***** O *****
77693105	MACHINE BUILDERS		
77998502	MACHINE FEEDERS AND OFFBEARERS	22732305	OCCUPATIONAL THERAPISTS
77591321	MACHINE FORMING OPERATORS, M/P	55666021	OCCUPATIONAL THERAPY ASSISTANTS
77592998	MACHINE OPERATORS (NO DETAIL)	44656099	OFFICE MACH. OPERATOR(NO DETAIL)
77591117	MACHINE TOOL CUTTING OPER., M/P	77285926	OFFICE MACHINE SERVICER
77285128	MACHINERY MAINTENANCE WORKERS	77592512	OFFSET LITHOGRAPHIC PRESS SETTER
77285117	MACHINERY MECH.: UNDERGROUND MINE	77897908	OIL PUMPS, EXCEPT WELL HEAD
77285118	MACHINERY MECHANIC: PLANT	77897956	OPERATING ENGINEERS
77285113	MACHINERY MECHANICS: SEWING MACH	22732108	OPTOMETRISTS
77489108	MACHINISTS	44555323	ORDER CLERKS: MATERIALS, SERVICE
44757302	MAIL CLERKS, EXC. MAIL MACHINE	77285599	OTHER COMMUNICATION MECHANICS
77285132	MAINTENANCE REPAIRERS, GENERAL	22732999	OTHER HEALTH PROFESSIONALS, TECHN
11919999	MANAGERS & ADMIN. (NO DETAIL)	77592198	OTHER METAL/PLASTIC MACH. OPER.
55868008	MANICURISTS	77489899	OTHER PRECISION FOOD, TOBACCO
11313011	MARKETING, ADV., PUB. REL. MGRS	77592599	OTHER PRINTING MACHINE OPERATORS
77897989	MATERIAL MOVING OPER. (NO DETAIL)		***** P *****
44858099	MATERIAL WORKERS (NO DETAIL)		
22631224	MATHEMATICAL SCIENCES TEACHERS	77592974	PACKAGING, FILLING MACHINE OPER.
77693938	MEAT, POULTRY, FISH CUTTERS	77387402	PAINTERS AND PAPERHANGERS
77285928	MECHANICAL CONTROL INSTALLERS	77592947	PAINTERS: TRANSPORTATION EQUIP.
22122511	MECHANICAL ENGINEERING TECHN.	77693947	PAINTING AND COATING, HAND
22122135	MECHANICAL ENGINEERS	77592914	PAPER GOODS MACHINE SETTER/OPER.
77285999	MECHANICS, INSTALLERS(NO DETAIL)	22528305	PARALEGAL PERSONNEL
22732905	MED./CLINICAL LAB. TECHNICIANS	55363021	PARKING ENFORCEMENT OFFICERS
22732902	MED./CLINICAL LAB. TECHNOLOGISTS	77897808	PARKING LOT ATTENDANTS
55666005	MEDICAL ASSISTANTS	77489114	PATTERN AND MODEL MAKERS: WOOD
22732911	MEDICAL RECORDS TECHNICIANS	77489302	PAYROLL AND TIMEKEEPING CLERKS
22224311	MEDICAL SCIENTISTS	44555341	PERIPHERAL EDP EQUIP. OPERATORS
11515008	MEDICINE AND HEALTH SERV. MGRS	44656014	PERSONNEL CLERKS, EXCEPT PAYROLL
77285956	MENDERS: GARMENTS, LINENS	44555314	PERSONNEL, LABOR, REL. SPECIALIST
22834044	MERCHANTISE DISPLAYERS	22021511	PERSONNEL, TRAINING, LABOR REL, MGR
44757311	MESSENGERS	11313005	PEST CONTROLLERS AND ASSISTANTS
77591908	METAL MOLDING, CASTING SETTER/OP.	55767008	PETROLEUM ENGINEERS
77693941	METAL POURERS, BASIC SHAPES	22122111	PETROLEUM REFINERY OPERATORS
22122105	METALLURGISTS & MATERIAL ENGRS		
22224108	METEOROLOGISTS	77795014	

22224511
 22732517
 55666026
 77592545
 77592521
 22834023
 77592908
 22224599
 2224199
 22732308
 55666017
 22732511
 22732102
 22224102
 22631206
 77387508
 77387505
 77795099
 77387317
 77591905
 77387502
 22732111
 55161005
 55363009
 55363014
 77693928
 44757305
 44757308
 11515002
 77795028
 77693199
 77489921
 77489911
 77489902
 77183002
 77489105
 77285905
 77489117
 77489708
 77489905
 77489908
 77489914
 77489999
 77693108
 77489702
 77591305
 77693921
 77592728
 77592543
 55363035
 44555326
 22834056
 77183004
 44858008
 22939999
 22325111
 44353911
 11515011

PETROLEUM TECHNICIANS
 PHARMACISTS
 PHARMACY ASSISTANTS
 PHOTOENGRAVING MACHINE OPERATOR
 PHOTOENGRAVING PHOTOGRAPHERS
 PHOTOGRAPHERS
 PHOTOGRAPHIC PROCESSING MACH. OP.
 PHYS./LIFE SCI. TECHN. (NO DETAIL)
 PHYSICAL SCIENTISTS (NO DETAIL)
 PHYSICAL THERAPISTS
 PHYSICAL THERAPY ASSISTANTS
 PHYSICIAN'S ASSISTANTS
 PHYSICIANS AND SURGEONS
 PHYSICISTS AND ASTRONOMERS
 PHYSICS TEACHERS
 PIPELAYERS
 PIPELAYING FITTERS
 PLANT AND SYSTEM OCC. (NO DETAIL)
 PLASTERERS AND STUCCO MASONS
 PLASTIC MOLDING, CASTING OPER.
 PLUMBER, PIPEFITTER, STEAMFITTER
 PODIATRISTS
 POLICE AND DETECTIVE SUPERVISORS
 POLICE DETECTIVES
 POLICE PATROL OFFICERS
 PORTABLE MACHINE CUTTERS
 POSTAL MAIL CARRIERS
 POSTAL SERVICE CLERKS
 POSTMASTERS, MAIL SUPERINTENDENT
 POWER DISTRIBUTORS & DISPATCHERS
 PRECISION ASSEMBLERS (NO DETAIL)
 PRECISION DENTAL LABORATORY TECH
 PRECISION DETAIL DESIGN
 PRECISION FOUNDRY MOLD/CORE
 PRECISION INSPECTORS, GRADERS
 PRECISION INSTRUMENT MAKERS
 PRECISION INSTRUMENT REPAIRERS
 PRECISION LAYOUT WORKERS: METAL
 PRECISION LITHOGRAPHERS
 PRECISION MOLDERS, SHAPERS
 PRECISION PATTERN, MODELMAKERS
 PRECISION PHOTOGRAPHIC PROCESS
 PRECISION PRODUCTION (NO DETAIL)
 PRECISION STRUCT. METAL FITTERS
 PRECISION TYPESETTERS
 PRESS, BRAKE MACH. SETTER/OP., M/P
 PRESSERS, HAND
 PRESSING MACH. OPERATOR: TEXTILES
 PRINTING PRESS MACHINE OPERATOR
 PRIVATE INVESTIGATOR, DETECTIVE
 PROCUREMENT CLERKS
 PRODUCERS, ACTORS, ENTERTAINERS
 PRODUCTION INSPECTORS, GRADERS
 PRODUCTION, EXPEDITING CLERKS
 PROFESSIONAL/TECHN. (NO DETAIL)
 PROGRAMMERS: TOOL, NUMERICAL
 PROOFREADERS AND COPY MARKERS
 PROPERTY, REAL ESTATE MANAGEMENT

55363099
 55666014
 22427108
 11919002
 22834008
 22021308
 11313008

77285514
 22939008
 22732921
 77285317
 77897308
 77387714
 77897317
 77897302
 44353914
 44555305
 22732317
 22427311
 77998705
 22732502
 77387314
 22834011
 44353805
 22732302
 77285935
 77592921
 77387923
 77387808
 77387911
 77387921

PROTECTIVE SERVICE (NO DETAIL)
 PSYCHIATRIC AIDES
 PSYCHOLOGISTS
 PUBLIC ADMINISTRATION EXECUTIVES
 PUBLIC RELATIONS SPECIALISTS
 PURCHASING AGENTS
 PURCHASING MANAGERS

***** R *****
 RADIO MECHANICS
 RADIO OPERATORS
 RADIOLOGIC TECHNICIANS
 RAIL CAR REPAIRERS
 RAIL YARD ENGINEERS, DINKEY OPER.
 RAIL-TRACK LAYING EQUIP. OPER.
 RAILROAD BRAKE, SIGNAL, SWITCH
 RAILROAD CONDUCTORS, YARDMASTERS
 REAL ESTATE CLERKS
 RECEPTIONISTS, INFORMATION CLERKS
 RECREATION THERAPISTS
 RECREATION WORKERS
 REFUSE COLLECTORS
 REGISTERED NURSES
 REINFORCING METAL WORKERS
 REPORTERS AND CORRESPONDENTS
 RESERVATION TICKET AGENTS
 RESPIRATORY THERAPISTS
 RIGGERS
 ROASTING, DRYING OPER., FOOD/TOB.
 ROOF BOLTERS
 ROOFERS
 ROTARY DRILL OPERATORS
 ROUSTABOUTS

***** S *****

SAFETY ENGINEERS, EXCEPT MINING
 SALES & RELATED OCC. (NO DETAIL)
 SALES AGENTS: BUSINESS SERVICES
 SALES AGENTS: FINANCIAL SERVICES
 SALES AGENTS: INSURANCE
 SALES AGENTS: REAL ESTATE
 SALES ORDER FILLERS
 SALES PERSONS: RETAIL
 SAWING MACH. TOOL SETTER/OP., M/P
 SAWING MACHINE OPERATOR/TENDER
 SAWING MACHINE SETTER/OPERATOR
 SECRETARIES
 SEPARATING, FILTERING MACH. OP.
 SERVICE SALES OCC. (NO DETAIL)
 SERVICE STATION ATTENDANTS
 SERVICE UNIT OPERATORS
 SERVICE WORKERS (NO DETAIL)
 SEWERS, HAND
 SEWING MACH. OPER.: NON-GARMENT
 SEWING MACH. OPERATOR: GARMENT
 SHEET METAL WORKERS
 SHERIFFS, DEPUTIES, US MARSHALL

22122132
 33949999
 33343017
 33343014
 33343002
 33343008
 44858026
 33949011
 77591102
 77592308
 77592302
 44555101
 77592962
 33343099
 77897805
 77387917
 55969999
 77693923
 77592721
 77592717
 77489132
 55363031

77489511 SHOE & LEATHER, PRECISION
 77592723 SHOE SEWING MACHINE OPERATOR
 77285511 SIGNAL OR SWITCH MAINTAINERS
 77285328 SMALL ENGINE SPECIALISTS
 22631210 SOCIAL SCIENCES TEACHERS
 22427199 SOCIAL SCIENTISTS (NO DETAIL)
 55868034 SOCIAL SERVICE AIDES
 22427310 SOCIAL WORKERS
 22021505 SPECIAL AGENTS, INSURANCE
 22732314 SPEECH PATHOLOGISTS, AUDIOLOGISTS
 44353126 STATEMENT CLERKS
 77795032 STATIONARY ENGINEERS
 44555328 STATISTICAL CLERKS
 22325312 STATISTICIANS
 44555302 STENOGRAPHERS
 44858023 STOCK CLERKS
 33949021 STOCK CLERKS: SALES FLOOR
 77387305 STONE MASONS
 77591714 STRUCTURAL METAL FABRICATORS
 77387814 STRUCTURAL METAL WORKERS
 22732928 SURGICAL TECHNICIANS
 22122309 SURVEYORS
 44757102 SWITCHBOARD OPERATORS
 22325102 SYSTEMS ANALYSTS: DATA PROCESSING

***** T *****

77897905 TANK CAR AND TRUCK LOADERS
 77387111 TAPERS
 22021914 TAX EXAMINERS AND COLLECTORS
 22021111 TAX PREPARERS
 77897114 TAXI DRIVERS AND CHAUFFEURS
 44353904 TEACHER'S AIDES, EDUC. ASSISTANT
 22631399 TEACHERS, INSTRUCTORS (NO DETAIL)
 22631304 TEACHERS: ELEMENTARY SCHOOL
 22631301 TEACHERS: PRESCHOOL
 22631308 TEACHERS: SECONDARY SCHOOL
 22631314 TEACHERS: VOCATIONAL EDUCATION
 22631505 TECHNICAL ASSISTANTS: LIBRARY
 22939099 TECHNICIANS (NO DETAIL)
 44757111 TELEGRAPH AND TELETYPE OPERATORS
 77285726 TELEPHONE STATION INSTALLERS
 77285702 TELEPHONE, CABLE TV INSTALLERS
 44353102 TELLERS
 77592705 TEXTILE MACHINE OPERATORS
 22732399 THERAPISTS (NO DETAIL)
 77285953 TIRE REPAIRERS AND CHANGERS
 22528306 TITLE EXAMINERS AND CLERKS
 77489102 TOOL AND DIE MAKERS
 44858028 TRAFFIC, SHIPPING CLERKS
 44353108 TRANSIT CLERKS
 33343021 TRAVEL AGENTS
 44353802 TRAVEL CLERKS
 77897101 TRUCK DRIVERS
 22834026 TV & MOTION PIC. CAMERA OPERATOR
 77592541 TYPESETTING MACH. OPERATOR/TEND.
 44555307 TYPISTS

***** U *****

77897932 UNDERGROUND LOADING MACH. OPER.
 22021102 UNDERWRITERS
 77489508 UPHOLSTERS
 22427105 URBAN AND REGIONAL PLANNERS
 55868021 USHERS AND TICKET TAKERS
 44555335 UTILITIES CUSTOMER SERVICE REPS

***** V *****

77998905 VEHICLE, EQUIPMENT CLEANERS
 22732114 VETERINARIANS, VET. INSPECTORS
 22631514 VOCATIONAL AND EDUC. COUNSELORS

***** W *****

55565008 WAITERS AND WAITRESSES
 77285917 WATCHMAKERS
 77795002 WATER & WASTE TREAT. PLANT OPER.
 44858017 WEIGHERS, MEASURERS, CHECKERS
 77693914 WELDERS AND CUTTERS
 44353502 WELFARE ELIGIBILITY WORKERS
 77897911 WELL HEAD PUMPERS
 22021302 WHOLESALERS AND RETAIL BUYERS
 77489308 WOOD MACHINISTS
 77592314 WOODWORKING MACHINE OPERATORS
 77592311 WOODWORKING MACHINE SETTER/OPER.
 22834001 WRITERS, AUTHORS, AND EDITORS

OCCUPATIONAL EMPLOYMENT PROJECTS: 1984-1995

The November 1985 issue of MONTHLY LABOR REVIEW, published by the U.S. Department of Labor, presented the latest occupational employment projections. The 1984-1995 projections indicate that occupational employment growth will depart from the recent trends for some broad occupational groups and for many detailed occupations. Some occupations, especially in the clerical group, are expected to slow their rate of growth considerably, while others, mainly blue-collar occupations that grew in the past, are expected to decline. These changes result from a projected slowing of total employment growth, from changes in industry growth trends, and from technological changes affecting the occupational structure of industries.

Educators and job developers are always asking what occupations are growing and what occupations are declining. This information is also of interest to the businessman because he wants to know from what occupational group his future employees will come. He wants to know if there will be a shortage or surplus of qualified personnel to meet his needs. These factors can have an economic impact on his operation.

This article will examine occupations that had 25,000 or more workers from two perspectives. One view indicates occupations that are expected to provide the largest numerical growth. The other perspective presents occupations that are expected to have the most rapid growth or the largest percentage declines.

Occupations adding largest number of jobs. Of the 500 detailed occupations for which projections were developed, 37 occupations accounted for about one-half of the projected total job growth between 1984 and 1995. Table 1 lists these 37 occupations with current and projected employment levels. About one-fourth of the occupations generally require a college degree, roughly the same proportion found among all jobs in the economy. In general, these occupations are numerically large (only two had fewer than 300,000 workers in 1984). Some of these occupations have projected rates of growth that are average or higher. However, others are projected to grow more slowly than average, but because of their employment size they will add significant numbers of new jobs over the 1984-1995

period. Collectively, these 37 occupations accounted for 36 percent of total employment in 1984, and this proportion is expected to increase only to 39 percent in 1995. It must be remembered and emphasized that the data in Table 1 represents the numerical growth in these 37 occupations only.

Fastest growing and fastest declining occupations. The fastest growing occupations provide a different perspective to future occupational employment changes. Table 2 gives detailed data on the fastest growing occupations. It is important to note that some of these occupations are increasing rapidly from relatively small employment levels and, therefore, are not found on the list of occupations that will add the most new jobs. Notable exceptions are computer programmers, computer systems analysts, electrical and electronic engineers, and electrical and electronic technicians and technologists. These technologically-oriented occupations, however, collectively do not account for a large portion of jobs projected to be added by 1995. Almost half of the 20 fastest growing occupations are in the computer or health fields, which will continue to be among those with the strongest future growth. It is very interesting that in the top ten fastest growing occupations that Paralegal Personnel, Medical Assistants, and Travel Agents were the only noncomputer-related occupations.

Table 3 shows the 20 most rapidly declining occupations. Most are concentrated in industries that have recently contracted and are expected to continue to do so. Several are in the apparel and textile industries, both of which have suffered employment losses because of foreign competition and technological improvements. These two industries combined are projected to lose about 350,000 jobs by 1995. Other declining occupations are in railroad transportation, agriculture, and private households, industries which are expected to continue their long-run declines. Occupations that are expected to be affected adversely by technological changes are stenographers, industrial truck and tractor operators, telephone station installers and repairers, and statistical clerks.

This summary was done by the
Idaho Department of Employment,
Research and Analysis.

NATIONAL DATA

TABLE 1.
OCCUPATIONS WITH THE LARGEST JOB GROWTH, 1984-1995
(Number in Thousands)

Occupation	Employment		Change in Employment 1984 - 1995		Percent of Total Job Growth 1984-1995
	1984	1995	Number	Percent	
Cashiers	1,902	2,469	556	29.8	3.6
Registered Nurses	1,377	1,829	452	32.8	2.8
Janitors and Cleaners, Inc. Maid and Housekeeping Cleaners	2,940	3,383	443	15.1	2.8
Truck Drivers	2,484	2,911	428	17.2	2.7
Waiters & Waitresses	1,625	2,049	424	26.1	2.7
Wholesale Trade Salesworkers	1,248	1,617	369	29.6	2.3
Nursing Aides, Orderlies & Attendants	1,204	1,552	348	28.9	2.2
Salespersons, Retail	2,732	3,075	343	12.6	2.2
Accountants & Auditors	882	1,189	307	34.8	1.9
Teachers, Kindergarten & Elementary	1,381	1,662	281	20.3	1.9
Secretaries	2,797	3,064	268	9.6	1.7
Computer Programmers	341	586	245	71.7	1.5
General Office Clerks	2,398	2,629	231	9.6	1.4
Food Preparation Workers, exc. Fast Food ..	987	1,205	219	22.1	1.4
Food Preparation & Service Workers, Fast Food	1,201	1,417	215	17.9	1.4
Computer Systems Analysts, Electronic Data Processing	308	520	212	68.7	1.3
Electrical & Electronic Engineers	390	597	206	52.8	1.3
Electrical & Electronic Technicians & Technologist	404	607	202	50.0	1.3
Guards	733	921	188	25.6	1.2
Automotive & Motorcycle Mechanics	922	1,107	185	20.1	1.2
Lawyers	490	665	174	35.5	1.1
Cosmetologists & Related Workers	524	674	150	28.7	0.9
Cooks, Restaurant	463	601	138	29.7	0.9
Maintenance Repairers, General Utility	878	1,015	137	15.6	0.9
Bookkeeping, Accounting & Auditing Clerks	1,973	2,091	118	6.0	0.7
Bartenders	400	512	112	27.9	0.7
Computer Operators, exc. Peripheral Equipment	241	353	111	46.1	0.7
Physicians & Surgeons	476	585	109	23.0	0.7
Licensed Practical Nurses	602	708	106	17.6	0.7
Carpenters	944	1,046	101	10.7	0.6
Switchboard Operators	347	447	100	28.7	0.6
Food Service & Lodging Managers	657	746	89	13.6	0.6
Electricians	545	633	88	16.2	0.6
Teachers Aides & Educational Assistants	479	566	88	18.3	0.6
Blue-Collar Worker Supervisors	1,470	1,555	85	5.8	0.5
Receptionists & Information Clerks	458	542	83	18.2	0.5
Mechanical Engineers	237	317	81	34.0	0.5

NATIONAL DATA

TABLE 2
FAST GROWING OCCUPATIONS, 1984-1995
(Number in Thousands)

Occupation	Employment		Change in Employment 1984 - 1995		Percent of Total Job Growth 1984-1995
	1984	1995	Number	Percent	
Paralegal Personnel	53	104	51	97.5	0.3
Computer Programmers	341	586	245	71.5	1.5
Computer Systems Analysts, Electronic Data Processing (EDP)	308	520	212	68.7	1.3
Medical Assistants	128	207	79	62.0	0.5
Data Processing Equipment Repairers	50	78	28	56.2	0.2
Electrical & Electronic Engineers	390	597	206	52.8	1.3
Electrical & Electronic Technicians & Technologists	404	607	202	50.7	1.3
Computer Operators, exc. Peripheral Eq.	241	353	111	46.1	0.7
Peripheral EDP Equipment Operators	70	102	32	45.0	0.2
Travel Agents	72	103	32	43.9	0.2
Physical Therapists	58	83	25	42.2	0.2
Physician Assistants	25	35	10	40.3	0.1
Securities & Financial Services Salesworkers	81	113	32	39.1	0.2
Mechanical Engineering Technicians & Technologists	55	75	20	36.6	0.1
Lawyers	490	665	174	35.5	1.1
Correction Officers & Jailers	130	175	45	34.9	0.3
Accountants & Auditors	882	1,189	307	34.8	1.9
Mechanical Engineers	237	317	81	34.0	0.5
Registered Nurses	1,377	1,829	452	32.8	2.8
Employment Interviewers - Private or Public Employment Service ...	72	95	23	31.7	0.1

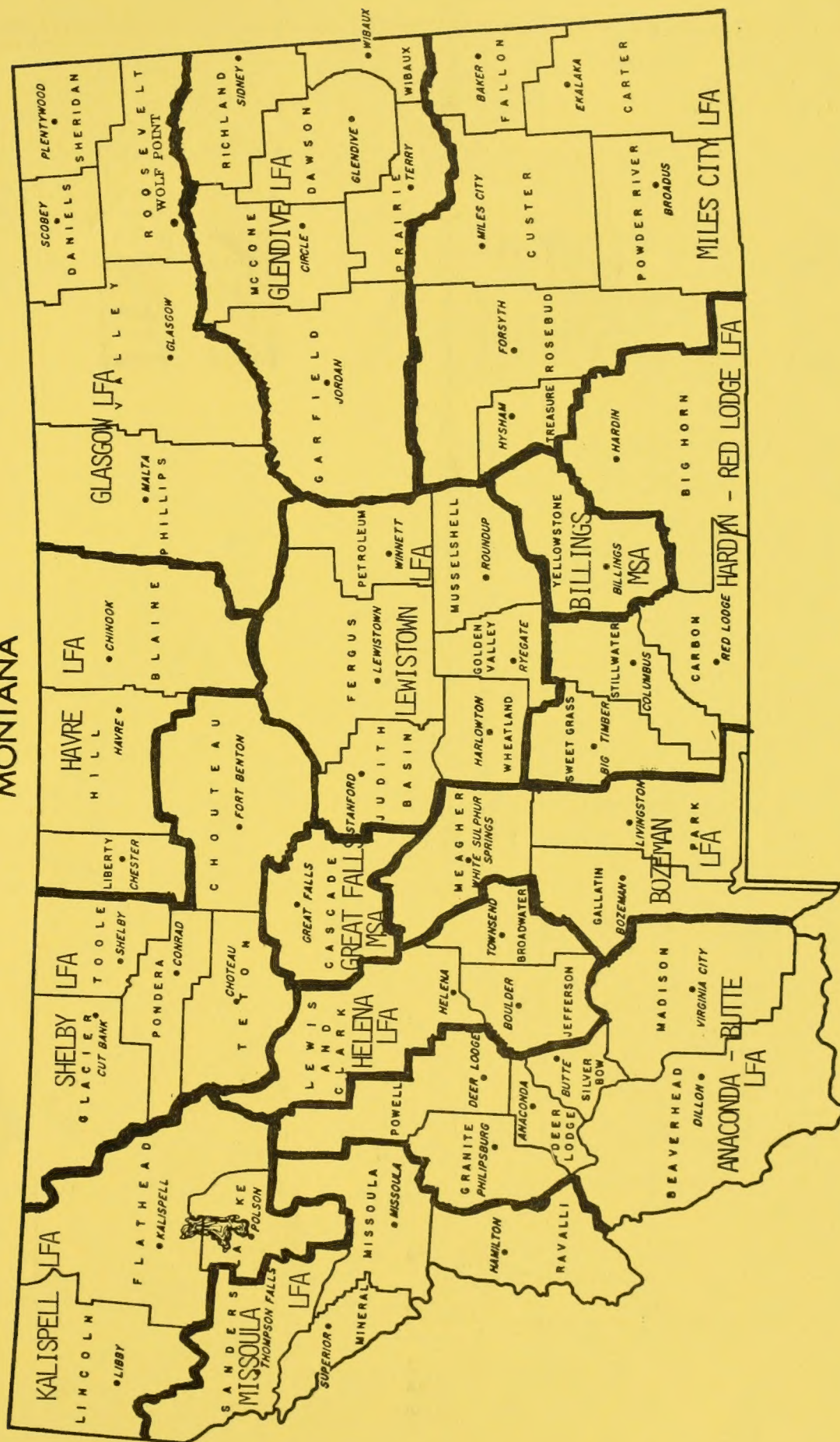
TABLE 3
FASTEST DECLINING OCCUPATIONS, 1984-1995
(Number in Thousands)

Occupation	Employment		Percent of Growth Job Growth 1984-1995
	1984	1995	
Stenographers	239	143	-40.3
Shoe Sewing Machine Operators & Tenders	33	22	-31.5
Railroad Brake, Signal & Switch Operators	48	35	-26.4
Rail Car Repairers	27	21	-22.3
Furnace, Kiln, or Kettle Operators & Tenders	63	50	-20.9
Shoe & Leather Workers & Repairers, Precision	43	35	-18.6
Private Household Workers	993	811	-18.3
Station Installers & Repairers, Telephone	111	92	-17.4
Sewing Machine Operators, Garment	676	563	-16.7
Textile Machine Operators, Tenders, Setters, & Set-Up Operators, Winding	279	235	-15.7
Machinery Maintenance Mechanics, Textile Machines	26	22	-14.8
Statistical Clerks	93	81	-12.7
Industrial Truck & Tractor Operators	389	342	-11.9
Central Office Operators	77	68	-11.5
Farm Workers	1,079	958	-11.2
College & University Faculty	731	654	-10.6
Farm & Home Management Advisers	27	24	-9.6
Extruding & Drawing Machine Setters & Set-Up Operators, Metal & Plastic	28	25	-9.1
Pressing Machine Operators & Tenders, Textile, Garment & Related	116	106	-8.8
Postal Service Clerks	317	290	-8.5

LABOR FORCE AREAS

IN

MONTANA



RESEARCH & ANALYSIS BUREAU
DEPARTMENT OF LABOR & INDUSTRY
P.O. BOX 1728
HELENA, MONTANA 59624

POSTAGE AND FEES PAID
EMPLOYMENT SECURITY MAIL
LAB 449



OFFICIAL BUSINESS

SPECIAL FOURTH CLASS RATE

The Montana State Job Service and Training Division maintains 24 local Job Service Offices in the principal cities of Montana. You are invited to call on any of these offices for assistance in filling positions in your organization, additional labor market information, and for other services in connection with your employment problems.

750 copies of this publication were produced at a unit cost of \$1.32 per copy, for a total cost of \$993.36 which includes \$475.86 for printing and \$517.50 for distribution.